

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

MAY WILL BE THE "RHODE ISLAND RED SPECIAL"

APRIL, 1909

THE INDUSTRIOUS HEN



ONE YEAR 50c.—THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM



TABLE OF CONTENTS

| | |
|--|-----|
| Eggs for Hatching—C. T. Fallin..... | 797 |
| Advantages of Score Card—S. E. Wasson..... | 798 |
| An Appeal to Join the A. P. A.—S. T. Campbell..... | 799 |
| Chick Growing and Feeding—J. A. Dinwiddie..... | 799 |
| Seasonable Cacklings—R. B. Sando..... | 800 |
| Business Methods with Poultry—W. C. McKemy..... | 800 |
| A Profitable Poultry Farm—M. K. Boyer..... | 801 |
| Causes of Diarrhoea—C. S. Valentine..... | 801 |
| Health Means Wealth in Fowls—F. H. Rion..... | 802 |
| Poultry Keeping in the South—M. J. Newwater..... | 802 |
| Caring for Little Chicks—T. J. M..... | 802 |
| Poultry on the Farm—T. J. M..... | 803 |
| Editorial Paragraph..... | 804 |
| Our "Red Special"..... | 805 |
| Limberneck and Cho.....Mrs. Laura A. Bryan..... | 806 |
| The Buckeye—R. I. Red Rival—S. G. Dunning..... | 806 |
| Care and Food for Young Turkeys—Mrs. Shofner..... | 807 |
| The Mammoth Bronze Turkey—J. C. Clipp..... | 808 |
| Pigeon History—E. E. Pryor..... | 809 |
| Boys' Poultry Work—Robt. G. Fields..... | 810 |
| Airedales, The Master Dog—Dr. L. C. Toney..... | 811 |
| Tennessee Bee Keepers Ass'n—T. C. Karns..... | 812 |
| What a Friend Means..... | 813 |
| Parcels Post for the Poultryman..... | 815 |
| Will Publish Show Winnings..... | 816 |



Published
By
**THE INDUSTRIOUS HEN
COMPANY**
Knoxville Tenn.



JUNE WILL BE THE GREAT "LEGHORN SPECIAL"



AMERICAN BLACK MINORCA CLUB CUP
Won at Knoxville, 1908, for Highest Scoring Pen.

CARTER'S S. C. BLACK MINORCAS

Won More Cups, Cash and Specials

Than all Competitors Combined at Knoxville and Bristol.

EGGS \$3.00 PER 15

STOCK FOR SALE

My Circular on Matings for 1909 and Show Record now ready—IT'S FREE. Write

FRED E. CARTER

State V. President A. B. Minorca Club

1003 Irwin Avenue,

KNOXVILLE, TENNESSEE

RUMPH'S BUFF ROCKS—BIRDS OF QUALITY

Don't forget that the foundation of success lies in getting the right start. My Birds are direct from the yards of **Champions**, and no better can be found. They are the product of years of selection and matings. This strain has produced more Winners at the leading shows than any strain of Buff Rocks. Have a few yards of only selected Birds mated to produce winners, and if you desire to raise as good Buff Rocks as ever bred, you can do no better than hatching from these eggs. . . . **PRICE \$3.00 PER 15**

Would be pleased to hear from you

LEWIS B. RUMPH, - - Marshallville, Georgia

State Vice-President the American Buff Plymouth Rock Club.

MY BIRDS HAVE NEVER LOST

Book your orders now for the best in **BLACK LANGSHANS**—Won at Hagerstown, Jamestown Exposition, Augusta, Ga., Lexington, Ky., Birmingham, Ala., Knoxville and Bristol, Tennessee.

EGGS \$3.00 PER SETTING.

M. H. COCHRAN, BRISTOL, TENN.

An Endless Chain of Victories Have Been Won by

HANSEN'S RHODE ISLAND REDS

These birds have won more first prizes in America's largest shows than any other exhibitor in America, barring none. See their show record: Madison Square Garden, 4 firsts; Chicago, 5 firsts; Indianapolis, 5 firsts; Cedar Rapids, Iowa, National R. I. Red Show, 4 firsts; Cincinnati A. P. A. and American R. I. Red Show, 1 first and silver cup for best male in show; Ft. Wayne, Ind., National R. I. Red Show, 4 firsts; Auburn, N. Y., A. P. A. Show, 3 firsts. At the World's Fair, St. Louis, I won more cash than any other Red exhibitor. Besides these National Shows, I have won the majority of firsts at Louisville, Columbus, Ohio; Portsmouth, Ohio; Warsaw, Ky.; Hamilton, Ohio; Vevay, Ind.; under such judges as, Pierce, Hewes, Delano, Tucker, Rigg, Russell, Crofter, Lane, Heimlich, Zimmer and Ewald. 500 Reds to sell. Egg orders booked now.

HANSEN POULTRY CO., Box H, PORTSMOUTH, O.

Langford's Rhode Island Reds

"YOU KNOW WHAT THEY CAN DO"

THE RECORD:—LOUISVILLE, Ky., Jan. 11-16, 1909, 1st ck, 1st hen, 1st, 2nd ckl, 1st, 3rd pullet, 1st pen and silver cup for best pen and other specials. BOSTON, Jan. 11-16, 3rd pullet, and 3rd pen on two entries. MADISON SQUARE GARDEN, New York, Dec. 1908, 3rd prize cock. MADISON SQUARE GARDEN, New York, Dec. 1907, 1st prize ckl. (This bird has never been beaten.) TENNESSEE STATE FAIR, 1908. Seven out of a possible 9 firsts and the \$25.00 Gold Special for best display in the show, a record unequalled. MEMPHIS, TRI-STATE FAIR, made a clean sweep, all firsts, the \$50.00 cup for best pen, the \$25.00 Gold Special for best display and other specials.

For the past five years winners at Jamestown (The Challenge cup for best male), Nashville, Atlanta, Columbia, Charleston, Augusta and Fort Worth.

EGGS FOR SALE FROM THE STRONGEST MATINGS that have ever been put up. One pen of Rose Comb Reds, all winners. A few eggs to spare. Catalogue free. When looking for the best, write

FRANK LANGFORD, R. R. 10, Nashville, Tenn.

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 5

Knoxville, Tenn., April, 1909

(Whole No. 59) No. 11

EGGS FOR HATCHING



WRITTEN FOR THE INDUSTRIOUS HEN
BY C. T. FALLIN

HAVING been an enthusiastic fancier since I was a mere boy and having had, I believe, as much experience in buying eggs for hatching as almost any man in the South, I have a few things I wish to say to **INDUSTRIOUS HEN** readers just now when none can accuse me of policy in what I write.

At best this is a very unsatisfactory business to both buyer and seller; to the seller because there are so many elements that may cause the customer dissatisfaction, and over at least some of these elements he can have no control; and to the buyer it is also unsatisfactory for he has to wait so long before he can see what he has; but the most unsatisfactory part of it all is that so few of our people really understand what the business means and is; so many people buy eggs at what they consider a cut-throat price, and because they have paid the price they think if every egg does not hatch, and hatch a winner, they have been duped and they are right then and there ready to cry "fraud" and "robber." I remember when a mere boy to have purchased some pit game eggs at what to my boyish mind was a fabulous price and when only nine chicks hatched I could only go out behind the house and cry until my eyes were sore, and when, after months of weary watching and tender care I found myself in possession of about 7 scrawny birds that did not look to me any prettier or any better than some my mother had raised from which she paid 10 cents per dozen. Well, my desire to become a great fancier was almost dead, and if an accident had not then occurred I doubt if I would be penning these lines. If my courage was gone because I had apparently lost what to me seemed so large a sum of money, imagine my joy when one day a man chanced along who really knew something about pit games and gave me \$10.00 for one of my cockerels, and later \$5.00 for another. Had this man not chanced along I would have gone the way of so many who in the spring buy one or two settings of eggs and perchance in the fall find they have ten or twelve birds that they themselves do not know anything about, because they all do not measure to some fancied ideal which may be as far from the standard set for them as daylight is from darkness. And all such a buyer needs is to have some friend, who may be as ignorant as he, tell him that such birds are no good, and he is willing then and there to sell out, eat out, or give out and quit, and if he does not give up the fancy altogether he will next season try something else, only to be like manner disappointed. It is just here that I consider our shows have their best opportunity to do good, and so few of them realize just how much good they may do. If through the secretary and members of every association the amateur could be induced to exhibit his birds we would soon have a host of the first hearted as good zealous fanciers; and pardon me for I have not yet attained the position where I can offer suggestions to our great associations, but if each association would give some inducement in the way of an amateurs' class, where the birds of the amateur would not come in direct competition with the old times, who is on to all the tricks of the game, I think a great many of the short time fanciers could be saved and great good be done the egg for hatching business.

But all who buy eggs are not babes as it were, and need to be nursed into life. Some of our best men buy eggs, and kick hardest because they did not get a bird just as they desired from a single setting, when in all probability

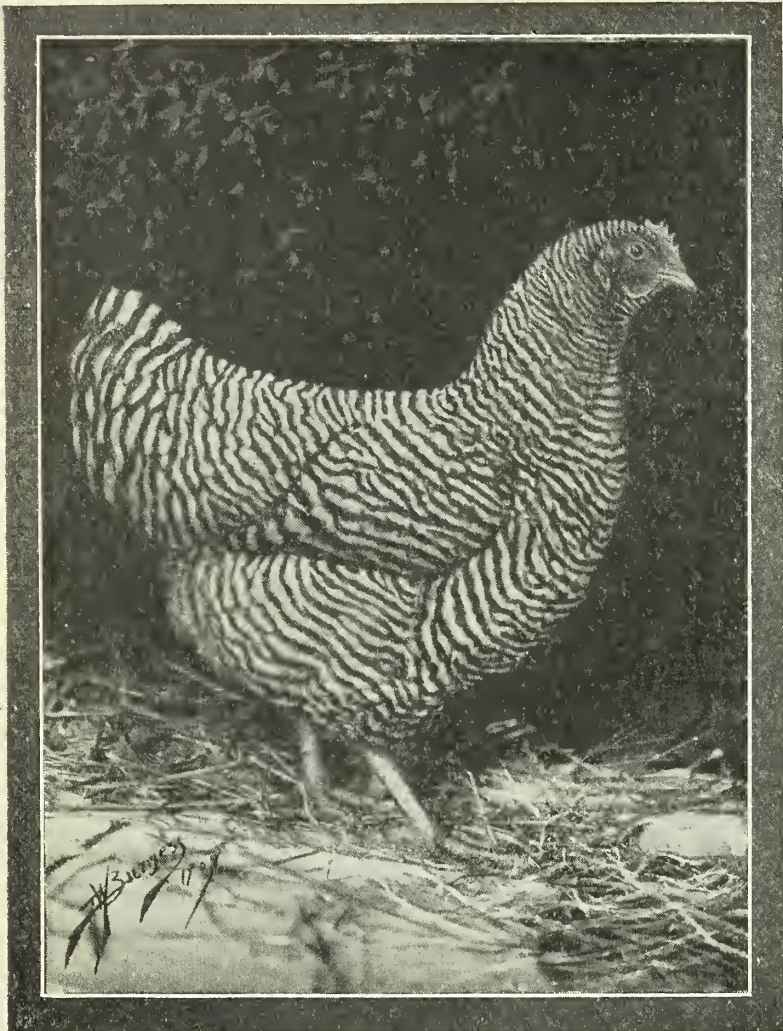
they could not have raised such a bird from thrice the number hatched in their own yards from their own matings.

But taken all in all the egg for hatching business is not all disappointment and discouragement. It has its advantages that in my mind overshadow its disadvantages. I have always and do now prefer it to any known means of getting a start with fancy poultry, or for getting new blood into my flock. I have owned a number of good birds in my life and while I have never sold one at a record-breaking price, yet I have sold some that the price looked good to me, and yet I always thought I gave more value than I received. Still I never bought a half dozen birds in my life.



First Hen, Nashville, Tenn., Dec., 1908. A typical Rion White Wyandotte, as bred by Fount H. Rion, Nashville, Tenn.

I have always bought eggs, and I expect to continue to do so when I need stock. My reason for this is simple; for \$5.00 per setting I can buy eggs from a mating that if I bought one bird from the breeder I no doubt would get good value if I paid him \$50.00 for it. And with two or three settings with proper management and care I can raise at least one bird as good as the one I could have bought and have enough left even if sold to the butcher to pay expenses of raising. For eggs I pay, say \$15.00. Without cost I have a bird worth \$50.00. One year recently, I purchased, as well as I can remember, \$45.00 worth of eggs from one of our best Southern breeders. The largest



"Bluetta," 2nd tie first pullet Indianapolis, and winner American Plymouth Rock Club special for best shape female. The dam of this pullet also won first hen at the same show. Bred, owned and exhibited by Albert D. Huffman, Wanamaker, Ind.

part of these eggs I paid \$1.00 each for, which to the timid will seem enormous. I got not a half a hatch, for some reason, not the breeders, I believe; but after the season was over I raised birds and sold enough to net me about \$75.00, besides having a flock left for which I would easily have refused \$100.00, and not a single bird in the lot that could win a worlds record or bring a fabulous price; in fact not a bird that was as good as I had hoped to get, yet some of them were good ones and did win envied places in some of our shows.

Another trouble with eggs bought for hatching is that every prize winner hatched does not mean a winner raised. It is only half the battle to put quality into an egg shell, and to hatch out a chick. My experience has taught me that there is nearly as many blue ribbon winners ruined in the raising as is made in the mating. But why should even this fact debar anyone from buying eggs; for if you cannot raise a winner from a winner hatched, how are you to both hatch and raise your winners? Many of the very best specimens ever produced have been absolutely lost by falling in the hands of those who did not know how to mate and preserve them.

Then another great cause for trouble to both the buyer and seller is the Express Companies. And just here; our only hope is in publicity, and a creation of sentiment for better conditions. If we could get a few more prosecutions against these great combines we might do some good. If every one of us who go to receive a basket of eggs and find that they show clear signs of abuse would refuse to receive them, and demand our money, I believe in the course of time we would get more consideration.

In conclusion, let me say if you buy eggs don't think the price has anything to do with their hatching; for an egg is an egg, whether it cost 2 cents or \$5.00, and is subject to the same natural law. Nor yet think the price is too high, for I do not believe that our big breeders are making any great amount of money out of their egg trade, considering the expense of handling and advertising their stock; and if you do not get just what you thought was coming to you, don't be too hard on the breeder. No doubt he did what he could, and maybe perhaps you may be somewhat to blame. If the eggs don't hatch, or the goods don't show

up in the fall, write the breeder; but write like a gentleman addressing a gentleman. He no doubt is honest; most poultrymen are, and he will nearly every time be just as much or more disappointed than you, and if he can do anything to aid you he will, in almost every case, do so. But if you do happen to run up on a dishonest scoundrel, do all you can to put him out of business. Write him up in the papers. Tell all your friends about him and don't let up at all—but first be sure he is dishonest.

ADVANTAGES OF SCORE CARD

Written for The Industrious Hen:

Personally I have had very little experience in the show-room. But of one thing I am already sure. The comparison system of judging poultry is of very little benefit to the amateur fancier. It may be all right so far as the proper award of prizes is concerned. It may even be better and more certain to place the awards where they properly belong. That is not the contention. But the purpose of the show should be to boost the business. And to do that the show must teach the novice to know the points of the Standard and how to apply them. The comparison system will never do this. It may be easier on the judges, and I presume it is. But it gives the winner and the loser practically no information touching the defects that causes defeated birds to fail. What every man interested in perfecting his breed wants is that the weak points may be pointed out to him, and the strong points accented also. It certainly is fair to all that this be done. Let a new breeder go to a show, and let the judge pass on the birds, score them, make the usual record of the good and the defective points of the birds, the owner can then look them over and make a study of what he needs to do to remedy his matings. But let a lot of birds be judged by comparison and the ribbons be hung on the coops, and none but the expert and experienced in the business can tell anything of the reason why one bird won and another lost.

It certainly seems to me that the score card is vastly more benefit to the breeder, unless he be one of the professional and experienced men who are competent to judge the merits of birds with almost consummate skill. At least the small shows where the farmers, the clerks, and the professional men enter their favorite specimens, it seems to me, ought to have their judges use a score card. Then we can go home and take a look at the record of excellency or deficiency in our birds at any time during the year. Then at the time for the next show we can compare the former score with the point of new specimens and make a probable improvement in the selections that are to go into the entries. I may be ignorant and hard to please, but it seems to me that there is very little to commend the comparison system of judging to the average breeder. We ought to demand the management of the shows to give us the benefit of some record evidence of the strong points and the weak points of our birds. This can be done and is done in every instance where the score card is used by the judge of the show. Otherwise there is no suggestion to the man who does not know what he needs to do to improve his birds. Respectively, S. E. WASSON, Huntsville, Ala., State V. Pres. Nat. S. C. Buff Orpington Club.



Looking up Chicken Row, Rhode Island Red Farm of A. G. Clark, Willoughby, Ohio.



AN APPEAL TO JOIN THE A. P. A.

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE S. T. CAMPBELL



THE American Poultry Association is the foundation upon which to build a structure that will ultimately be the strongest live stock association in the world, not only numerically but financially.

Without organization but little can be accomplished along any line. If it were not for the A. P. A. we would have but few if any poultry exhibitions. We could not have a Standard, by which all fowls are judged, nor would we have any judges. The fancy side of the poultry business would be an unknown quantity.

We have fifteen hundred members, though many states are not even represented, others having but few names on the roll. We can and should have five thousand members. There is not a poultryman in all America who would not find it to his advantage to unite with the American Poultry Association, whether he be a fancier or a market poultryman. The cause is the same. All should unite in building up an international organization, one that in taking up and advocating reforms would receive due consideration.

We should have the Parcels Post, as in England, and we should have single express or merchandise rates for poultry and eggs. Express companies would then "stand up and take notice" when their attention was called to needed reforms. Our legislative bodies would consider and act upon the request of such an organization, for aid in establishing poultry departments in our Agricultural colleges. They would appropriate money to the poultry industry to carry on experimental work, as they do with all other agricultural industries. Poultry, ranking as it does, well to the front in its products, is receiving comparatively little, considering the aid furnished to promote and build up all other live stock interests. Poultry people, be helpful; prove to the poultry world that you are a part of it, by having your name enrolled as a member of the American Poultry Association. Send your application to THE INDUSTRIOUS HEN or the nearest Secretary of a State branch. Write for an application blank, and further information to either of these and your letter will receive timely consideration.—S. T. CAMPBELL.

For convenience the A. P. A. has its membership divided into branches. There is no better time than the present for every member who feels an interest in the Association to make an effort to increase its membership. With fifteen hundred now, if every member would get one more how quickly the membership could be doubled. The annual meeting will be held in Niagara Falls in August, 1909, and if every poultry journal will take up the gauntlet thrown down by Judge Campbell, executive committeeman from Ohio, and call for new members in earnest, and get the membership of each branch to work, the present list can be easily doubled before the next annual meeting.

The A. P. A. could be a political factor in our legislative bodies. There are many things that poultrymen need that they will never get until their organization is powerful enough to demand them. Write to the Secretary of your branch and request an application blank at once, and let's get to work. Following is the address of the Secretary-treasurer of each branch to whom application should be made:

California—J. C. Williams, Helman bldg., Los Angeles.
 Connecticut—F. O. Groesbeck, Hartford.
 Kansas—H. C. Short, Leavenworth.
 Massachusetts—C. H. Latham, Lancaster.
 Midwest Branch; composed of the states of Illinois, Indiana, Michigan and Wisconsin—Fred L. Kimmey, Morgan Park, Ill.
 New York—James E. Rice, Ithaca.
 Northwest Branch; Minnesota, Nebraska, S. Dakota, Montana—Ralph Whitney, Stewartville, Minn.
 Ohio—Charles E. Cram, Carey.
 Oklahoma—W. B. Smalley, Shawnee.
 Ontario—H. B. Donovan, Toronto.
 Pennsylvania—Frank W. DeLancey, Sellersville.
 South-Central—Kentucky, Tennessee, Georgia, Florida, Alabama and Mississippi—Jno. A. Murkin, Jr., Nashville, Tenn.
 Southwest—Missouri, Texas, Arkansas and Louisiana—E. L. Delventhal, Warrenton.
 West Virginia—J. C. Garvin, Charleston.

If you want to have plenty of eggs next winter begin to get ready for them now. Early-hatched pullets that molt early will do the work if properly fed and cared for. Hatch them out as soon as you can so they will be as near one year old as possible.

CHICK GROWING AND CHICK FEEDING

Written for The Industrious Hen:

We read a great deal in agricultural journals as to crop-growing and crop-feeding. The same rules apply to growing young chickens to maturity, as the chick depends on man for its support and growth, as do crops and crop-growing depend on man for their culture and soil needs. And it is very important we know something as to the life of a chick, and its natural habits to be successful in raising a chick to maturity. The chick is an index to the full grown bird, and as he is developed into a full grown bird hinges his future usefulness. In studying the composition of an egg, we find stored therein (no matter what the mother hen had to eat, she never laid it until it was a complete composition of an egg) a perfectly natural balanced ration, and upon this the chick lives and develops during incubation; and nature goes still further, as the chick is hatched with enough of this natural diet for its need until 24 to 36 hours old. Now this being done must we commence at once feeding an unnatural food?

What is a natural food for a growing chick? My first answer is, what is the composition of an egg. And second, What is the composition of a chick's meat carcass? Each reader can figure this out for himself or herself or if he will take the pains to find it, it is already figured out for him in the various books written by poultry experts and in bulletins printed at the experiment stations. By studying these we learn the ratio of the egg and the flesh carcass, and we must conform our feed rations to the same ratio. This all requires time and study, but not any more than does any avenue of life, a useful life, and I will admit that the larger per cent of chicks are grown without any of the above knowledge. But it does not go to prove that it is the right way to breed and rear poultry.

Did you ever take the pains to follow the life of a bird or animal for two or three generations? If you have you can readily see the importance of knowing the chicks' life history.

What we most need in our poultry breeding is "vigor and prolificness," and to obtain this we must breed, feed and rear our breeding stock on practical, natural and scientific plans.—J. A. DINWIDDIE.



This Pit Game Cockerel won first in class and headed 1st pen at Nashville and Bristol in Dec. 1908, and headed 1st pen and won the Silver Trophy at Bowling Green, Ky., in Jan. 1909. Bred and owned by Smith Bros., Locust Grove, Haley, Tenn.

SEASONABLE CACKLINGS



WRITTEN FOR THE INDUSTRIOUS HEN
BY R. B. SANDO

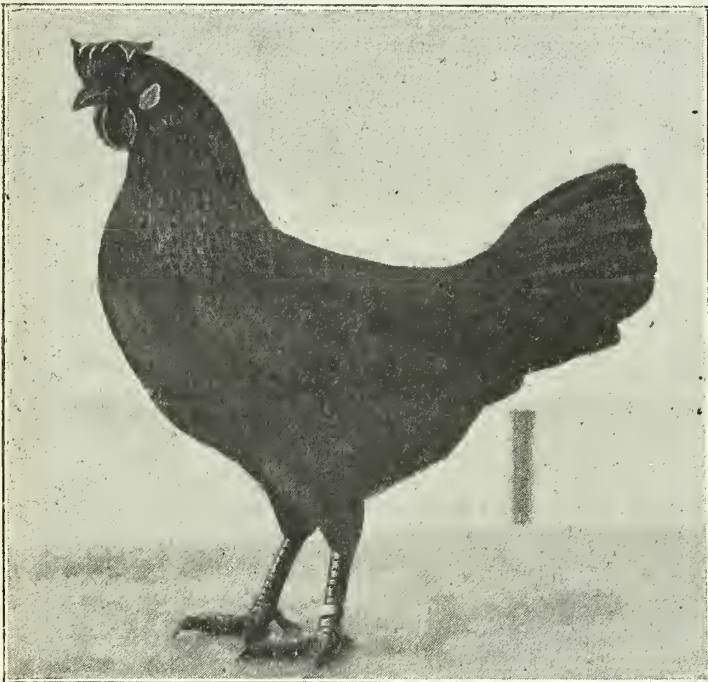
EARLY hatched chicks, those out in February and March, require more care than May hatched chicks, yet the early ones are the fastest growers during warm spring weather and they are always well matured till fall and the pullets ready to begin laying. The cockerels from such hatches can also be marketed at good prices early in the season.

For most ordinary purposes, the month of April is the time to set eggs, as they will hatch and grow lustily during May. And a good start is half the battle, always.

Leghorns, Wyandottes, Plymouth Rocks, Rhode Island Reds and Orpingtons will mature for winter layers if hatched in May. Brahmas, Cochins and Langshans will grow well if hatched in May, but for winter layers they should be out a month earlier.

We cannot say too much in favor of the standard brands of prepared chick feed. They save time, make stronger chicks, and in every way are more satisfactory than home-prepared foods. Above all, they are certain in results.

Young chicks should not be fed before they are forty-eight hours old. Sometimes it is best to wait sixty hours. The digestive apparatus of the chick is completed after hatching and not before; hence, as the yolk is absorbed just before pipping, the chicks have plenty of nourishment for thirty-



"Frances," 1st prize pullet, Tenn. State Fair, Sept. 1903. This pullet was bred, owned and exhibited and is now in the breeding pens of Dr. H. T. Boyd, Sweetwater, Tenn. He is now offering eggs from birds of this quality at reasonable prices.

six to sixty hours. Give grit a little while before the first feed, and water a little while after.

Every breeder of poultry who has not already got pure-bred stock, should make a start in the right direction within the next month or two by buying eggs for hatching.

In planning to do this, it would be the part of wisdom to begin looking around at once. By placing your order a week or two before you want the eggs shipped, you may then be sure of having the eggs at the time desired. Beginning with the first of April a large number of buyers want eggs shipped, and those who get their orders in first are the ones that will get their eggs quickly and on time.

Eight chicks is a good hatch from fifteen eggs that have been shipped any considerable distance. If you get that many, do not get grouchy at the breeder who furnished you the eggs. Reliable breeders never ship out eggs from pens that are not testing well in their own hatching, yet it is often the case that these very same good eggs will be so roughly handled by the express companies that the shipment has to be duplicated by the long-suffering breeder.

This is the breeder's side of the story, and it has not been exaggerated. The buyer has all the advantage in that if he buys of a reliable breeder, poor hatches will be duplicated at half price or all infertile eggs replaced. In this way, the buyer is perfectly safe and sure to get results.

There is no doubt that the mash feeds composed of ground corn and oats and bran (seasoned with cut alfalfa

or clover), is a good thing on the bill of fare for the laying fowls, but during the breeding season do not feed too much of it to the hens that you are expecting to produce youngsters to maintain your flocks. Rather, feed such breeding birds mostly dry grain, scattered in a deep litter, giving them once a day a light mess of steamed alfalfa or clover cut into edible lengths, sugar beets, small cabbages, or other such vegetables which may be handy. An occasional feed of mash will not harm breeders, but where they are forced too much with hot mashes and condiments the fertility and strength of the germs in the eggs is always impaired.

If your hen house is clean and has been well cared for during the winter, it is scarcely likely that mites are very numerous this early in the season. However, it is the part of wisdom to commence getting ready for them, as they will soon make their appearance after the weather begins to warm up.

Body lice are always present in greater or lesser numbers, as cold weather does not affect them, being where they can utilize the body warmth of the fowl. So it is a good idea at the present time to buy a "powder gun" and some lice powder and go over the fowls with it.

Clean out the nests every few weeks and fill them with clean nesting material (preferably excelsior), packing it well into the corners of the nest box if you are going to set hens in them. Every hen that is allowed to incubate should be well dusted two or three times while setting. Thus she will not be annoyed by the pests which would make her more or less "fidgety" were they allowed to multiply.

Moreover, if the old hen is free from vermin while the chicks are hatching, the little fellows will get a good start without being pestered by the vermin. Body lice gather on the chicks as soon as they are hatched, especially around the head and wings. A little lard dropped on the baby chicks' heads and well rubbed in will keep the head lice down and the chicks in a thrifty condition. Try this plan. Use only pure lard and not too much of it, but rub it well into the down on the chicks' heads.

BUSINESS METHODS IN THE POULTRY BUSINESS

Written for The Industrious Hen:

Is it any wonder that there are so many failures in the poultry business, when we consider the condition under which so many start and then after a time discontinue? The writer is not an old man in this line, but has had a few rough knocks until a good many of the sharp places have been removed; but that there are still many things to be learned can not be denied. We have in mind a firm, who knew it all, and started on a lot 30 x 120 feet with a house 30 x 15 feet and purchased six pens of birds, different varieties; some were pretty fair specimens and others not the kind for a breeding pen. They started and had little chicks galore, and even at this time they have chicks standing around so cold that you almost feel like putting a blanket over them. But they have learned to their sorrow and this time next year you may buy some cheap chickens and necessities that go with the business.

And again look through the journals and notice the advertisements how they are written, about eggs for hatching this spring and summer, when the early winter shows are here; yet they wonder why they do not secure orders for eggs and stock when the same varieties run year in and year out.

It is the catchy advertisement that pays and one that is not stereotyped but changed every month or two. This same party would think that a dry goods dealer was crazy if he advertised heavy winter suitings in June and July—but then it would be about as reasonable as some poultry men run their advertising.

It is almost impossible to find one issue that does not dwell on "keep your birds and houses clean from lice and mites," yet a cockerel was sent to our city from an eastern fancier, who is always howling about being clean, and this bird was so full of lice that in taking him from the box in which he was shipped, the lice were so thick that they got on the men's hands, and if anything had been said about it, the reply would have been that they got them on the road.

A man to be successful in the poultry business must invest business principles and business energy into it and conduct it along the same line that a successful merchant does his business.—W. C. McKEMY.



A PROFITABLE POULTRY FARM

WRITTEN FOR THE INDUSTRIOUS HEN BY M. K. BOYER



A RIGHTLY managed poultry farm, so located that the expense is not too great in marketing, is sure to be profitable. When farms are established near cities, the market practically is right at the door.

Where farms are more remote from these city markets, a profit can be derived by shipping to the larger cities. In these days of excellent railroad facilities, any poultry plant within 100 miles of a city can reap the benefits of good prices, just as much as those located within easy drive. The cost of shipping is easily offset by the reduced cost of conducting such a plant away from highly taxable land.

The poultrymen of South Jersey, as a rule, ship their produce to New York City—a distance of 100 miles—and they secure for it the same prices as do the poultry plants located in Northern Jersey, just across the river from New York City. Land is cheaper in South Jersey, and the general cost of operating the plant is at least ten per cent. less than that of a section more thickly populated and of higher property values.

The foundation of all poultry farms is egg production. Successful broiler farms are the ones whereon eggs are produced. There is too much risk in buying eggs for hatching broilers. Such broilers as a rule are all sorts and sizes.

But it is a mistake to rely solely on broilers. It is better to have a broiler and egg combination.

There are seven distinct branches of poultry farming: Broilers, roasters, eggs, ducklings, goslings, turkeys and squab-pigeons. On a farm of about ten acres, where part of it is a grove or an orchard of large fruit trees, and where at a section there is running water so that a pond can be had, it will be found profitable to combine all these seven branches.

A few incubators could be started in December for broilers and kept running until the last of May. Ducklings could be hatched from March 15th to July 15th. While hatching for broilers a number could be selected from the lot and fed and reared for roasting fowls.

During April and May broody hens could be placed on turkey and goose eggs. The squab-pigeons would require no labor as to hatching and rearing the young, as pigeons attend to that duty themselves. In this way during the height of the season there would be broilers, ducklings and squabs for sale, and during the winter eggs, roasters, goslings and turkeys.

Such a farm would accommodate 400 hens—200 of which should be of the American class, as Wyandottes, Plymouth Rocks or Rhode Island Reds; fifty of the Asiatic variety, as Light Brahmas; and 150 of the Mediterranean class, like Leghorns or Minorcas.

One hundred Pekin ducks would keep the incubators busy during the season. Two hundred and fifty pairs of Homer pigeons, mated, would produce all the squabs that the farm could take care of. Six pairs of geese and twelve turkeys and a gobbler, should produce sufficient of their kind to supply the local demand around the holidays.—M. K. BOYER.

CAUSES OF DIARRHOEA

"L. E. R., Ulster Heights, N. Y.: My chicks are dying off without apparent cause after they are forty-eight hours old. I feed them rolled oats every two hours for about two days; after this I feed bran, middling, corn meal and ground oats with the hulls sifted out of it. After about a week I feed them four times a day. They are kept free from lice and have pure water, oyster shells and grit before them. Some are dying of bowel disease, but not all. I lost about fifty chicks, some of them when three to four weeks old. Now I have changed their feed ration as follows: Two-thirds crushed wheat, one-third rolled oats, one-third small crushed corn; charcoal, grit, some beef scraps and millet seed, all mixed together. Please give me your advice in regard to my trouble."

We shall all agree, I think, that chicks do not die without cause, even though the cause may not be apparent. Bowel trouble is seldom a definite symptom, for the reason that so many ills show this as one of the accompaniments. This is true not only of affections of lice, but of chills, of anything that lowers the resisting power of the birds, and it is true of overfeeding as well, since this deranges the digestive tract,

and the first symptom of such derangement may be diarrhoea. We are—many of us, at least—so afraid of fowl cholera that we are prone to regard any looseness of the bowels as in itself a disease, when it is only a symptom of trouble somewhere. Often looseness of this sort may be the physical salvation. I recall one case in which a man had severe diarrhoea, for which a physician was called. He was told that, had he not had the diarrhoea he would probably have had typhoid fever.

I do not in the least like the plan of feeding anything at two-hour intervals, much less such a heavy stuff as oatmeal; though I admit the temptation of its clean, white flakes of just the right size. It is my opinion that the great trouble with many flocks of small chicks is that they are fed so heavily during the first week they cannot overcome the handicap. This may be your trouble. There is not the least need of feeding baby chicks every two hours, and there is very great harm in it unless they get only a very small quantity. I am not at all afraid to feed every hour if the chicks are under my eyes, so that I know how much and how eagerly they have eaten, and can watch the state of their crops. But the oftener I feed the more care I take to vary the feed, and, after the first three days, to vary the nature of it, ringing the changes on granulated grain, soft feed and green stuff. A



This is evidence of the fact that, "we both lose money, if you don't deal with me." Bellview Poultry Yards, Harrods Creek, Ky.

lack of green stuff permits very early derangement of the small digestive apparatus, and this, or lack of shade or even the method of handling for lice might bring on bowel difficulties as a symptom of something wrong. Look over all your conditions once more, and if you find nothing else wrong conclude that you have fed too heavily of grain before the chicks could stand it.—C. S. Valentine, in *American Agriculturist*.

THE SCRATCHING SHED

A SCRATCHING shed is most important to the poultry business. In dry weather leaf litter in the woods would serve instead, but not otherwise. All grain should be fed in dry litter, and straw is perhaps the best. The scratching shed may be built in connection with the roosting house, but not so as to receive the droppings of the fowls. Again, it may stand adjoining, or near, where the fowls may enter at once as they come from the perches. The shed should have one side open to the south and the other three closed in with boards or strong cloth screens that may be hooked up to give air on proper occasions. The litter should be kept fresh and clean and plentiful. In the same room may be the dust bath and receptacles of sharp grit. A small amount of food will keep the fowls scratching for hours and thus employ them under cover, away from inclement weather.—T. C. K.

HEALTH MEANS WEALTH IN FOWLS

WRITTEN FOR THE INDUSTRIOUS HEN BY FOUNT H. RION

THE one, of all, most important things in Poultry Culture, and the one thing essential to all success and development, is health of the fowls. Without this health in our birds, we need not look forward with anticipation of attaining any wealth. In every inquiry the breeder gets, these points are most strongly emphasized. Health, vigor and vitality. The two latter qualities cannot be found without this paramount; health. In fact every success in the poultry business thoroughly depends upon the one greatest essential.

For the beginner in the poultry business, it is very important that he look to the health of the birds he is to buy to make the start with, for without health in the parent stock, it is nearly impossible to breed up to this point. The one most important point in connection with the hatching and rearing chicks, either by natural or artificial incubation, is the health of the stock in the breeding pens. A strong healthy germ in a rich well-formed egg is most positively calculated to produce a strong, healthy, vigorous, chick. Bad health in the parent stock is the surest beginning of White Diarrhoea, (so called) in the baby chicks. Indigestion, weak legs, and a score of other ailments that take away the downy little fellows by the dozens can all, more or less, be traced directly back to bad health in the parent

are the birds that are fortunate in having an owner that lives with them, so to speak, feels their wants, simply applies the golden rule to them, and treats their wants and necessities as he would like his own considered. He gives them a clean well lighted, well ventilated, dry, sanitary house, well white-washed, thoroughly relieved of those enemies, lice and mites; gives them a good scratching pen with deep clean litter for healthy exercise, so necessary when we want health. Such care will not only repay you with healthy fowls, but a greater egg production, stronger and more vigorous chicks, free from disease, and in proper condition to mature into well developed breeders and specimens to grace the show room, and win the ribbons.

Don't neglect your birds—if you forget them even for a day, it is detrimental to their health and welfare, and you suffer just that much loss.—FOUNT H. RION.

POULTRY KEEPING IN THE SOUTH

I desire space to express my gratitude to Mr. L. B. Audigier, of THE INDUSTRIOUS HEN, for the courtesy and perfect fairness shown me, also satisfaction with his columns as an advertising medium, which have brought me good results. Poultry breeding conducted on fair and honest lines, is a pleasant, also an intellectual pursuit; but there are some unpleasant situations which must be met, it is then that I feel doubly grateful to our honest, gallant gentlemen and gifted journalists, who uphold our interests through the medium of the press.

Poultry keeping is one of the South's best hopes for the future, calculated as it is to help increase the pleasure and profit, alike of both rich and poor, combining intellectual amusement and profitable recreation for all those who love their fowls and treat them right. I am interested as a breeder of high class, pure-bred fowls, to introduce a better strain of a superb breed throughout our much loved South. It is for this reason, combined with the pleasure my beautiful flock affords me, more than for profit, that I enthusiastically enter into the work. I believe the South will yield great results in poultry. In this balmy, delightful country, where summer first unfolds her robe and here the longest lingers, where the grass grows green the seasons through, birds thrive and with proper selection of strain and breed and good attention it is but reasonable to suppose that fowls will attain to greater sizes and richer plumage than in less favored sections, and perhaps a little later we may break the world's record in fowls! I see no reason why we should not, but to do this, we must not only have scientific, but honest breeders! —MRS. S. C. BRIDGEWATER.

CARING FOR LITTLE CHICKS

Don't be in a hurry to get freshly hatched chicks out of the nest. They will get chilled and die. Let Biddy complete her hatch at leisure. A whole day or more should be given to finish the work. It is a mistake to feed young chickens at once. They live on the food absorbed from the egg for about two days. To give other food in the meantime is contrary to nature and an injury.

A chick's first food should not be soft and sloppy. Give stale soda crackers crumbed fine, or slightly dampened oatmeal, or water-mixed cornbread without salt. Sweet milk is good in the place of water.

Don't forget to furnish the young brood with fine chick grit. Also give them green food cut fine. Give water so they can't get their feet in it. The grit may be scattered over the bottom of their coop.

Keep young chickens up for three or four days. They should be good and strong before their mother leads them abroad. Even then great care must be taken to prevent drabbling in wet grass. This kills thousands.

If lice appear, dust with insect powder or rub a little grease on the head and under the wings and tail of the mother. However, if the nest was properly cared for there should be no trouble.—T.C.K.

In Paris poultry is cut up and sold by the piece. The customer takes a wing or a gizzard at so much. Even the common laborer has too much money in America for that.



In a class of 39, this pullet was awarded first prize at Kentucky State Fair, Sept., 1908. Pronounced by Judge Heimlich as one of the best he had judged in a long time. Bred, owned and exhibited by Bellview Poultry Yards, Harrods Creek, Ky.

stock. The parent stock being healthy, it is comparatively easy to maintain this health throughout other generations, and on the other hand it is very easy to let the health go down so that the generations will get weaker and weaker each year. This all depends solely on the care and attention the birds receive. Give the birds proper care and they will be healthy, strong and vigorous breeders, and will produce youngsters of this same strength and vitality.

Lice and mites only exist where the birds do not receive proper care, and there is no more deadly enemy of health in fowls than lice and mites. Feeding improper and unclean feed is another great enemy of health. We once heard of a man in the poultry business who had all the slop and refuse from a neighboring town hauled out to his place for chicken feed. This was fed in the houses and around the yards, until the entire place had a foul odor. That was very repulsive. The floors (dirt) of the houses were wet and sloppy. The houses were wet and dark, no opening save a door and what cracks that had not been covered, and the owner was ever complaining that his fowls did not seem as bright and healthy as other men's birds, and he couldn't see why, for he gave them plenty to eat. This sort of treatment of birds is sure to lead to sickness and weakness, and utter failure in every branch of the business. The healthy birds

POULTRY ON THE FARM


 WRITTEN FOR THE INDUSTRIOUS HEN
BY AN OLD FARMER

FARM NOTES

Plymouth Rocks are the greatest farm favorites, the Barred variety being in the lead. The other main varieties are the Buff and White.

Wyandottes are also in much favor. The White variety is in the lead but the Silver and Golden are most beautiful. The Whites seem to be the best layers.

The most satisfactory fowl for the farm is a dual-purpose chicken—one that furnishes both meat and eggs. No farmer wants eggs alone. He must have friers, broilers and roasters also.

The Rhode Island Reds are also exceedingly popular. Their color takes and their general character adapts them to the farm. They seem closer akin to the old red rooster, and that counts with farm people.

The Orpington is an English bird which is growing into favor very rapidly. It is larger than the American birds and a fine layer. For the table it is unsurpassed. Many farmers find nothing better than the Orpington.

POULTRY PICKINGS

Economy is the keynote of profitable poultry raising. Without judicious feeding, fowls will soon eat their heads off.

The farmer hasn't so much time to prepare show chickens as the fancier but he should always have something for local exhibits.

Geese live 30 or 40 years and are good breeders to 10 years of age or longer. Have a well watered grass lot for them.

Sunflower seeds are fine for poultry but hard on the land. As a feed they take the place of beef scraps just as cracked peas do.

With regard to molting hens, it seems better to encourage nature in her course. The starvation method to induce early molting does not pay.

The size of the poultry keepers flock grows best with his experience. He must have time to get onto his job if he expects to stay on it.

If eggs are your object, choose your layers from the best egg laying strain. Fancy points of form and color are not in it in this connection.

To prevent white diarrhoea among your chicks put a teaspoonful of five per cent carbolic acid in ten quarts of water and from this take their drinking supply.

If you are working for eggs be careful to select the most vigorous birds for winter layers. Market all the rest as broilers. Weaklings are no account as egg producers.

It is a fatal mistake to begin poultry keeping on a large scale. The old saying that small beginnings make great endings applies here the same as in other things.

WISE WORDS BY UNCLE BEN

You can't get any best specialty out of a general purpose fowl. Yet an average of good points suits most farmers best.

Keep the nest clear of broken eggs. They tend to make egg-eating hens. Clean up the other eggs with a cloth dipped in warm water.

You can't succeed with poultry without study. You must also love your birds and find a pleasure in the business. If you lack in all these points, hunt up another profession.

Don't lime your poultry houses in winter. Fumes from lime irritate the nasal passages and cause catarrh and roup. Under such circumstances the fowls catch cold more easily.

Speaking of egg-eating hens—this vice is taken up by hens that do not have sufficient meat diet. Give them plenty of meat scrape or bugs, worms, and insects and they won't eat eggs.

Hens turn their eggs twice every day. This is where many incubator people make a mistake. Incubator eggs should be handled just like the hen would handle them. Better let the incubator alone unless you are smart enough to learn nature's ways.

Some say poultry doesn't pay, but that is not correct. It is like other business and pays according to the way it is

run. A writer in Farm and Fireside tells of a renter who cleared over one thousand dollars last year on an investment—houses and all—of not over two hundred dollars.

In feeding give your hens variety. Corn will not give a satisfactory supply of eggs. Give a cracked wheat dinner or an oats supper every now and then. Once or twice a week try wet mash. Feed all your grain in litter. It is nature's way to have the hen scratch for her dinner.

WHAT GRANDMA SAYS

Give your hens oats when you want eggs. They "feel their oats" the same as a horse when the supply is right.

I see they have put Mary's lamb to running a cream separator. Poor thing! An incubator it seems to me would be easier.

I never favored corn to be a first-class egg food. It makes the hens fat and lazy and they quit laying, especially when getting old.

If you want winter eggs hatch out a nest of chicks as early in the spring as possible and save all the pullets for layers.



Champion
1st Cock
Tenn. State
Fair, Sept.
21st-26th 1908.
Owned and
exhibited by
C. T. Fallin,
Buff Rock
Specialist
and Sou. V.
P. Buff Rock
Club.
Greenville,
S. C.

They should begin laying in October and continue through the season when eggs are high in price.

Work is just as necessary with chickens as with humans. Without it both get "out of sorts." Make your hens scratch for most they get.

It does no good to have fine poultry to sell unless you can reach a fine buyer. This is done best by putting an "ad" in THE INDUSTRIOUS HEN.

It is an old saying that cleanliness is next to godliness. This applies to the hen house as much as to anything else. It is time now to clean up!

Don't feel disappointed when none of your pullets turn out to be of the 200-egg variety. Such excellence is a rare jewel that is not picked up every day.

They talk about popular strains these days. What's wrong with the Shanghai? That was considered the smartest sort of chicken when I can first remember.

Unless the farmer has a special aptitude for poultry it is better left to his wife or other female member of the family. Of course his assistance is often very helpful.

Hopper feeding came in too late for me. So I know but little about it. Anyway, I prefer to control the amount each fowl gets. Some days they need more and others less.



DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter.

B. W. Rhoads, Western Advertising Manager, Tribune Bldg., Chicago.
C. W. Fowler, Southern Advertising Representative, Smyrna, Ga.

Subscriptions in the United States, Cuba, or the Philippines

50c A YEAR, 3 YEARS FOR \$1.00

Foreign Subscriptions \$1 a Year. All Subscriptions in Advance

ADDRESS ALL CORRESPONDENCE TO

The Industrious Hen Co., Knoxville, Tenn.

OFFICERS OF THE COMPANY.

S. B. NEWMAN - - - - - President
J. T. OATES - - - - - Vice-President
L. B. AUDIGIER - - - - - Secretary-Treasurer

EDITORIAL STAFF AND SPECIAL REPRESENTATIVES.

T. L. BAYNE Editor-in-Chief
J. C. CLIPP Associate Editor
T. C. KARNs Special Contributor
MICHAEL K. BOYER Special Contributor
PLUMMER McCULLOUGH Special Contributor
S. T. CAMPBELL Special Contributor
H. V. TORMOHLEN Special Contributor
MRS. J. C. SHOFNER Turkeys
S. S. NOBLE Kennel
ROBERT G. FIELDS Boys
E. E. PRYOR Pigeons and Bantams
MRS. FLORENCE W. FORBES Special Representative

Vol. 5 APRIL, 1909 No. 11

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry Industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

ADVERTISING RATES

Furnished on application. The value of THE INDUSTRIOUS HEN as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertion in the issue of any month, should reach this office

Not later than the 25th of the month preceding.

SPECIAL NOTICE TO SUBSCRIBERS

Your Address on the wrapper indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "June 8," it means that your subscription is paid to June, 1908, and unless renewed will be discontinued after that date.

If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired, and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss THE INDUSTRIOUS HEN, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world coming to you regularly every month for the next three years.

SAMPLE COPIES

If you receive a sample copy of THE INDUSTRIOUS HEN you are invited to subscribe for it. You may never get another copy, and if you like it, mail us 50c for one year, or \$1 and have it come to you for three years. Thousands are doing this now, and you will never regret it. In sending your subscription if you have a friend who would like to see a sample copy, send us their name and address, but send your own subscription RIGHT NOW. Do not put it off because you are busy, but DO IT NOW. Address THE INDUSTRIOUS HEN Co., Knoxville, Tenn.

EDITORIAL PARAGRAPHS

A \$50,000 POULTRY PLANT

THE New York State branch of the A. P. A. has requested of the State Legislature an appropriation of \$50,000 for the purpose of securing a site and the equipment of a poultry plant for the State College of Agriculture at Cornell. If every poultryman in the country would join a local association, and these associations join their respective State branches, such influence could be brought to bear and petitions be presented that would cause a poultry plant to be added to every State or Agricultural College in the land. There are few such poultrymen as Jas. E. Rice, of Cornell, and we fear it will be several years before this great industry is sufficiently recognized in the South to have erected many \$50,000 plants. But begin now to agitate the matter, for education is the great fundamental principle of success.

OFFICIAL PROCEEDINGS OF THE A. P. A.

WE have before us the proceedings of the 33rd annual meeting of the American Poultry Association held at Niagara Falls the 10th, 11th and 12th of last August. It is quite a voluminous document containing all of 211 pages. In turning the leaves one soon realizes the magnitude of the poultry interest in this country. It is discussed in every relation and detail. The most learned scientists bring in their contributions and lay them down beside that of the practical man from the farm. Reports, addresses, discussions, and statistics everywhere bristle with facts that are valuable to the student in every line of the business. Great is the organization and greater its possibilities. We wish that not only every reader of THE HEN, but every poultryman in the United States might see a copy.

BREED SPECIALS

Beginning with the May issue of THE INDUSTRIOUS HEN we will run a series of "Breed Specials." May will be a "Rhode Island Red Special," June a "Leghorn Special," July will be devoted to the "Plymouth Rock" family, and August the great "Wyandotte" breed. Other specials will be announced later, and each one will be as full and complete as our friends will allow us to make them. These "Breed Specials" which will run through several months, will be unusually attractive and copies will be reserved by thousands of our readers for future reference. This is an exceptionally opportune time for renewals or the beginning of new subscriptions, and we invite all who read this to take advantage of some of our attractive offers found elsewhere in this issue. Our advertisers also come in for their share of profit in these special numbers. While there will be extra large and attractive editions printed, no advance will be made in rates, and we solicit breeders to avail themselves of this opportunity of being classed with the specialty breeders of the country.

A 30,000 SUBSCRIPTION CAMPAIGN

NOT satisfied with our present success in publishing THE INDUSTRIOUS HEN we are continually planning for greater things. While the circulation of this journal is many thousand and more than what would have satisfied many publishers, we have always believed that we could have as large a circulation as any poultry journal published. We do not believe that location cuts any figure. Hence, think that by publishing a clean, practical, helpful and instructive magazine, with the help and influence of our friends, that we can place it in as many homes as raise chickens. We ask for suggestions as to how we can make THE HEN better, and how we can increase its circulation. We have many plans for the future that will do both, but we want every reader to feel enough interest in THE HEN to give us the benefit of his opinion.

Our ambition now is for 30,000 subscribers, and "we'll never be happy till we get it." Will YOU not help us? Will YOU not send in just one subscriber? If every one who reads THE HEN will do this we needn't go further. How easy that would be. You will find elsewhere in this issue several very attractive offers for old as well as new subscribers, that we call your attention to. Look at your printed address and note when your subscription expires, and have it renewed free through one of our special offers.

OUR "RED SPECIAL"

Announcement of our "Red Special" is taking like wild fire. It is growing more popular every day. This issue will inaugurate a series of "Breed Specials" in the South, something never attempted before. Inquiries have been pouring in concerning it and more interest is manifested already than we had hoped for. Here is a specimen from one of the leading Red breeders of the world, showing the interest existing:

AMSTERDAM, N. Y., MARCH 25, 1909.

INDUSTRIOUS HEN Co.

"GENTLEMEN:—I will gladly do all I can for your 'Red Number,' and will give you for publication an entirely new article applicable to the South, and increase my advertising space also. I always want to help those who help the Reds."—EDWARD T. DEGRAFF.

Every Red breeder in the United States is invited to contribute something to this issue. It will be a number full of information and of special interest to all breeders of Reds. Send us something, if only a few lines, commendatory of your choice breed. A testimonial, as it were, of their superior quality. Our "Breed Specials" will be failures if we cannot make converts for our ideals. Remember, this issue is for the use of breeders of Rhode Island Reds and they are expected to bring out the best in their breed. While a large number of extra copies will be printed we are not increasing our advertising rates. They are printed for the benefit of the breed. This is an excellent opportunity, however, to take advertising space, or increase that already taken. If extra copies of this issue are desired, we should also have your order at once, else we can not print sufficient to supply the demand. Extra copies will be delivered at five cents each or \$4.00 per 100. As time is necessarily limited, do not postpone your good intentions, but send in your order today for advertising, and extra copies. First forms will go to press a little earlier than usual, and if you are too late, and crowded out, do not blame us. This will be the only "Red Special" this year.

June will be our great "Leghorn Special;" July, "Rocks," August, "Wyandottes," all varieties. Friends of these breeds are invited to help make these Special Numbers as attractive and popular as possible by contributing short articles, cuts, etc.

A SUGGESTION TO THE A. P. A.

WHILE THE INDUSTRIOUS HEN and its staff of correspondents are members of and believers in the American Poultry Association and will support it on general principles, for the good it has and will accomplish, yet no organization is so well managed, no institution so perfectly conducted that it is above criticism. While this association is the recognized authority on poultry matters in general, and is helpful to a large degree, yet it does not go far enough; does not reach to the extent of creating deep interest in the larger body of poultry breeders who are not members. It is a fact that a comparatively small per cent of THE HEN's readers are members of the A. P. A. Is there a reason for this? Surely there must be. Every one in any way interested in poultry culture should study his business. He should strive to make his avocation more profitable, learn more of the important factors, many of which result in loss rather than gain. So much more can be accomplished by organization than by individual efforts, that every one who raises fowls should feel it his or her duty, in fact, to the extent of an obligation, to become one of an organization that is striving to build up the industry from which so many derive a profit.

The American Poultry Association in turn should do much more than it is doing, for all poultrymen in general and for the practical side of poultry culture in particular. One feature that would result in great good would be for the American Poultry Association to place a staff of practical poultrymen in the field. Have them go out and lecture, and give practical demonstrations for the benefit of the breeders. Encourage the beginners in poultry culture. Hold institutes, not only in connection with poultry exhibitions, but independent institutes. Have such subjects as feeding, houses and equipment, poultry diseases, marketing poultry and eggs, and the many phases connected with making poultry more profitable discussed. Too many of the rank and file of poultrymen have the idea that the American Poultry Association is solely for the benefit of the fancier, and until this idea can be removed the proper progress cannot be made. The A. P. A. should get out and mix with the poultry people

in general. The organization should make an effort to remove the opinion that too many have of it, that it is exclusive. Remove this idea by doing something substantial and beneficial for the general welfare of all classes who are interested in the feathered tribe, and the American Poultry Association will have enrolled as its members not only the fancier, but all who love domestic fowls.

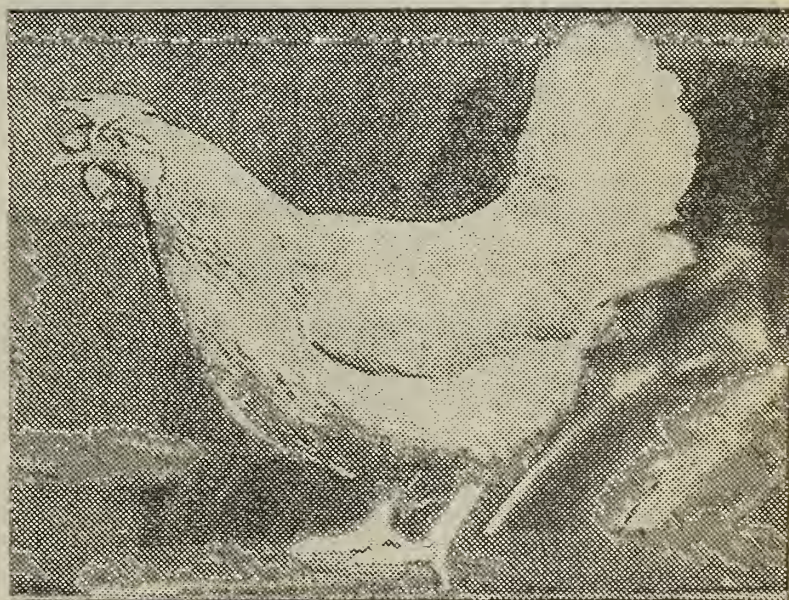
We should like to hear from some of the poultry breeders who are not members of the American Poultry Association. Men and women who are in a large measure making a living from poultry. You can help to better your condition by making your wishes known.

POULTRY WORK BY NATIONAL GOVERNMENT

While not so much as in other lines, the government at Washington is doing some valuable work in poultry. It is carried on by the Bureau of Animal Industry. It began several years ago by answering letters of inquiry for information and has developed in quite a number of helpful publications. Of these publications the most important to poultry people are Farmers' Bulletins. The first published was No. 41 on "Fowls, Care and Feeding." It appeared in 1896. Among others issued since that time are the following: No. 51—Standard Varieties of Chickens; No. 4—Ducks and Geese; No. 141—Poultry Raising on the Farm; No. 177—Squab Raising; No. 200—Turkeys; No. 234—The Guinea Fowl and Its Use as Food; No. 236—Incubation and Incubators; No. 287—Poultry Management. The bulletins may be obtained free by writing to your Senator, Representative, or The Secretary of Agriculture at Washington. Thousands of them are distributed every year and every farmer and poultryman should have them. It will pay you to keep in touch with this department of the government. Its employees are making constant investigations in all lines of poultry industry and can send you other publications as they come out.—F.C.K.

FEEDING WITH A PURPOSE

THE FANCIERS have done much for the improvement of poultry on esthetic lines. Form, color, and general beauty have been greatly improved. New breeds also have originated. Yet breeding on economic lines has scarcely advanced beyond its infancy. Something has been done to increase egg capacity, but selection for vigor and meat-producing advantages have made but little progress. In the last quarter of a century beef cattle and hogs have been wonderfully improved by breeding for quick growth and early maturity. Time and expense in feeding for a desired weight have been greatly reduced. In this way money is turned over more rapidly and time saved in getting on the market. Breeders must do the same for poultry. Pullets must be bred to lay at an earlier age. The maturity of broilers, friers, and roasters must be hastened by some weeks. The government at Washington is working on these problems as appears from a report now before us. Individual breeders may also do much. This is a very interesting line of work and one that will pay handsomely.—T.C.K.



S. C. Buff Leghorn—2 years old—score 94½. 1st at Louisville Lexington, Harrisburg, Ky., 1908; 1st at Charlotte, N. C. and Spartanburg, S. C., 1909. Owned by J. S. Wingo, Spartanburg, S. C.



LIMBER-NECK AND CHOLERA

WRITTEN FOR THE INDUSTRIOUS HEN BY MRS. LAURA A. BRYAN



I NOTICED in a recent number of a poultry paper some one deploring the loss of his fowls from cholera. The owner claimed that though apparently well at feeding time at night, fully a fifth of them were dead the next morning; and that after burying these, on his return he found several others dead. At this time a neighbor pronounced the disease cholera and prescribed venetian red as an effective remedy, saving the remainder of the flock. The neighbor did a good deed and the remedy was excellent; but I want to enter my protest against the diagnosis of the disease. No cholera that I have ever known enters a flock so suddenly and violently, and destroys so many fowls in a night without some previous warning. Neither would a cure have been so quickly and easily effected in case of cholera in so violent a form. The disease in this case was, in my opinion, limber-neck, caused from the fowls coming in contact with the decaying carcass of some dead animal and greedily eating the worms with which it was infested. This has often been known to produce such an effect as above stated and in all

another good dusting on removing her with her brood from the nest. This is some trouble but not so much trouble or expense either as losing half of them for want of it. If you do not use insect powder, be sure on taking them from the nest to grease top of the head and under the throat of each chick and rub a little coal oil on the hen, rubbing it in next to the skin, but beware of using too much oil on the hen or grease on the chicks as greasy chicks are much more susceptible to either cold or heat and will be easily killed in that way when young. I have a vivid recollection of a time in my early experience with chicks of losing about twenty in one day from an over-generous greasing. Another time on finding one of my hens, which had chickens nearly large enough to wean, very much infested with lice I gave her a thorough oiling, literally pouring the coal oil over her. She soon became so intoxicated from the effects of the oil that she reeled and fell about like a drunken man. I had to remove her from the coop and the next morning she was dead, looking as though she had been dipped into an oil barrel. Well this was experience; and, looking back over these and other similar mistakes they seem foolish to me now. But take a girl young as I was then from town, where she had never had any experience whatever in raising chickens and put her out on the farm with a few hens and no poultry literature and she may not do much better. So it is this class and not the experienced poultry raiser to whom I have addressed these few remarks. Every beginner in the poultry business, no matter how few or how many birds he or she expects to handle, should read at least one good poultry paper. You can not expect to do everything you are advised to do by the different writers but you get many good practical things which will be of service to you.—MRS. LAURA A. BRYAN.

THE BUCKEYE—THE RHODE ISLAND RED RIVAL

Written for The Industrious Hen:

Each breed has its admirers, but ultimately the number of admirers depends upon utility. Beauty without usefulness will not save a breed from extinction. In producing the Buckeye, utility has been kept to the fore, and those who have been breeding this beautiful red fowl through the period of its comparative obscurity have had the pleasure of witnessing it win its way into favor strictly upon merit.

The Buckeyes have the distinction of being the only breed originated by a woman that has been admitted to the A. P. A. Standard of Perfection. To Mrs. Frank Metcalf, formerly of Warren, O., but now residing in California, belongs this honor. The foundation stock were Buff Cochin and Banded Plymouth Rock upon the product of which crosses of B. B. Red Game and Indian Cornish Game were made. Careful selection as to type and color resulted in this valuable addition to the American class, and a breed that is rivaling with the Rhode Island Red for first honors.

The qualifications upon which the ardent admirers of the Buckeyes rest their claim for its most beautiful red and farmer utility breed are somewhat as follows: They are a pea combed bird, thus fitting them for northern climes where frozen combs are a drawback. And right here it may be stated that they fill the winter egg basket. They also have the size. Though there are other American breeds which are larger, yet none surpass them in quality as a table fowl or for market. The early maturing being an advantage in this respect as well as for laying. The pullets can be depended upon for fall and winter laying. In this day of high priced grain, two extra months in egg production is no small factor in producing the right balance in dividing the question of profits.

Then too the Buckeye is a stay red bird. The bar of smut in the under-color in certain sections of the bird guarantees the holding of the color, and while no claim is made by Buckeye breeders that his ideal color-scheme has yet been attained, still the foundation has been laid and well laid for the over-coming of his troubles in this direction.

To all of which must be added their hardiness. They are very active and great foragers on free range, thus being especially suited for the farm but no less so for the town with its restricted quarters. They stand confinement well.—S. G. DUNNING.



A S. C. Buff Orpington Cock from the bunch of nineteen first-prize winners at Madison Square, 1909. Bred by Wm. Cook & Sons, originators of all the Orpingtons, Box F., Scotch Plains, N. J.

my many years of experience with poultry I have never known a better remedy for it than venetian red. To give it to fowls that are unable to eat, it should be given in pills, mixed with a little water, and flour enough to make it stick together, in quantities of about a half teaspoonful three times a day. Venetian red has proven itself a good remedy in cholera where it has not reached too deep a hold. So also has quinine. If I find a case of cholera among my flock I try as soon as possible to give them all a good dose of venetian red or quinine two or three times a week until I think the trouble is over. Quinine should be given in doses of about one teaspoonful to a dozen fowls. Quinine and venetian red are both good, in smaller quantities of course, for young chicks that appear weakly or diseased from almost any cause, except vermin. Where incubators and brooders are used one may easily avert these pests, but if chicks are to be raised with hens, one must ever be on the alert to keep rid of them. It is safest to dust the sitting hen well once a week with good insect powder, giving her

TURKEY TALK

MRS. J. C. SHOFNER

Care and Food for the Young Turkey

Written for the Industrious Hen.

This subject has been written on by me several times in the life of our **INDUSTRIOUS HEN**; nevertheless, her readers insist on me writing on this special subject for months before time for turkeys to hatch. To write each a personal letter requires a considerable time, and to again, each season, remind those who have already read my way of caring for young turkeys, they may have forgotten some things that is good to be kept before them.

A very important reminder is healthy breeding-stock. One cannot expect to get healthy, vigorous poults from weak, unhealthy parents. Another important thing, do not mate too many hens to one male. Ten hens in one pen is enough with a strong, vigorous tom. Now that we have our healthy stock mated properly, we may expect strong healthy poults—if eggs are gathered daily and not allowed to get chilled or be too long in one position. Before incubation they should be turned every day or so, and kept in a moderately cool place to prevent the life-germ from growing and dying. There are a number of people who do not know a fertile egg from an egg with stale or dead germ. An infertile egg never mixes the yolk and white after three or four weeks incubation; while a fertile egg that was stale before incubation, or has suffered from improper care during incubation, will get thin and watery with bad odor, many times forming gas, causing shell to burst and befoul the nest and remaining eggs. In such cases the nest should be cleaned up and eggs washed clean and dried as quickly as possible, not allowing eggs to remain in the tepid water any longer than the work can be accomplished.

I usually set two or three turkey hens and several chicken hens at same time that a nice lot may come off at once, and when they begin to hatch, I notice whether the hen seems to be nervous or not, and if she is quiet, I leave her alone; but if restless and worrying I put a glove on hand and gently slip the baby turks out into a basket lined with a warm cloth to prevent chilling them, and keep them by fire until hatch is over. Take all the turkeys from the chicken hens, and after dusting each little one with Marshall's Insect Powder, and giving mother turkey a thorough dusting likewise, I put the babies and mother in a board coop about 10x12 ft. square and board about 12 or 15 inches high, to prevent little ones from wandering off from mother until they have learned her call or "baby talk." We should not put more than twenty-five with one hen, as that is as many as she can keep warm when hovered, and I really believe we would raise a larger per cent of the young hatched if she had fewer to care for.

After placing them in pen, and pen on a sunny grassy slope, I place before them their first meal, then forty-eight to fifty hours old, a hard boiled egg, chopped with onion tops, lettuce leaves, dandelion leaves, or pepper-grass, chopped fine for green food. Over this I sprinkle a

little ground black pepper and ground charcoal on a bank of sand, or if sand is not convenient I use small chick grit in pen near food. Sometimes I beat old broken crockery fine and put it before them; they must have something in their gizzards to grind the food and aid digestion; without grit of some kind they soon eat themselves so full that a fermentation sets up and we wonder what has gone wrong. One egg to 25 turks is a sufficiency for one ration, and I will say a single handful of green stuff. They should be fed three times a day as long as they are confined, which should be four or five days, if weather is pleasant, and if cold and rainy a dry house or portable coop should be provided, and coop moved a few feet every day away from where they roost as a turkey's nature is cleanliness and pure air. If weather is fine I let them begin their natural rambles for insects and tender grasses, for a few hours each day, after dew is off, and drive them in before evening dew begins to fall. After they are out on range at a week or ten days I begin feeding more wholesome food of sweet milk with stale bread crumbs soaked in it, with my ground pepper and charcoal over it. Drain milk all off that it may not be sloppy. They relish this for their supper very much.

I did not mention about water. While confined in coop they drink a great deal and it should be in a shallow pan with small pebbles in it to prevent them from getting wet, as a thorough wetting and chill often causes death. At two weeks old I add cottage cheese, made of the waste milk. This is made by letting milk clabber and then heat until the whey will separate from the cheese, then drain off whey and you will have a crumbly nice food they relish very much, and if allowed they will eat too much, and cause indigestion. More young turkeys and chicks are killed by kindness and over feeding than the lack of it, and when digestion is over stocked, liver gets torpid and whole machine is out of order.

After poults are a month old and are traveling miles each day and are full of insects they only need a nice supper to induce their return home each even-

ing, and see that they are safe in a nice large coop with gauze wire doors to let in plenty of fresh air and keep out all varmint intruders.

The entire flock should be dusted for lice at least every ten days or two weeks, and especially do we find it very necessary to dust in between wing quills and under wings, for the small white lice, that suck the life blood and vitality from the

Mammoth Bronze Turkeys

Barred Rocks, Black Langshans and Partridge Wyandottes, from the best Prize Winning strains; can furnish cockerels, pairs, trios, and eggs at reasonable prices. Satisfaction guaranteed as represented.

Indian Runner Ducks. Great layers; eggs \$1.50 for 15.

T. J. CATE, Route 1. Athens, Tenn.

Mammoth Bronze Turkeys

Six young birds exhibited in 1908 won five blues and one red. Who can excel this? Parties wanting mates to these birds order quickly before all are sold. Matings 1909: Pen 1, headed by "Daniel Boone," 1st prize cockerel Louisville show Jan. 1909. Pen 2, headed by "Jonah," large 1st prize cockerel at Nashville State Fair, Sept. 1908, also winner of Diploma from the American Poultry Association. Each pen contains 1st prize females. Eggs in season. Four pens of beautiful B. P. R. chickens of best strains. Stock and eggs for sale.

Mrs. W. J. LANDESS

R. 5, FAYETTEVILLE, TENN.

White Holland Turkeys

"ROYAL BLUE RIBBON STRAIN"

Winners at Chicago, Cincinnati and Indianapolis, and winners in every state in the Union in customers hands. A few choice eggs for sale at \$1.00 per 11. Order to-day.

LEN GRESSWELL

R. F. D. No. 1 FAIRLAND, IND.

White Holland Turkeys EGGS and STOCK in SEASON
WRITE FOR PRICES A. S. BELL,
ROUTE 13. KNOXVILLE, TENN.

MAMMOTH BRONZE TURKEYS Eggs & Stock in Season
EGGS 40c EACH
MRS. W. R. BRAKEBILL. R. 3, KNOXVILLE, TENNESSEE

FOR SALE!
Mammoth Bronze Turkey Eggs



What every one wants is size and plumage combined. I have it in my flock this 1909 season, with "Southern Prince," line bred, weight 50 pounds, score 97½, his sire, Goliath, weight 48 pounds, score 97½, with Jumbo Jim, grand sire, by hen, weight 47 pounds, second prize winner at St. Louis World's Fair, 1904. Southern Prince heads Pen 1, mated to 8 fine, large females that will score at least 95 points. Pen No. 2 consists of 8 fine pullets mated to a 35 pound cock, score 96½, 1st prize winner at Lebanon, Tenn. "Like will produce like," and this is what my customers will get in these eggs. Satisfaction guaranteed as represented. Correspondence solicited. B. P. R. chicken eggs from best prize winning strain, \$1.50 per 15.

BOONEVILLE POULTRY YARDS, MRS. J. C. SHOFNER, R. 1, Mulberry, Tenn.

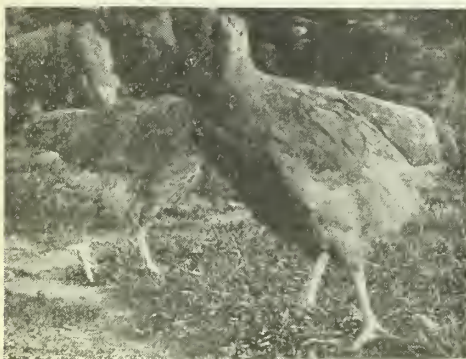
healthiest, finest flocks. Care to prevent disease, with cleanliness and proper feeding insures a flock by Thanksgiving that one will feel rewarded for his few months work. I prefer the Mammoth Bronze, because of their immense size and weight, giving more money for most pounds on the market, and costing no more to raise them than smaller breeds. I want to still improve my stock in size over my 50 pound "Southern Prince" that scored 97½ as cockerel, if it is possible, this season. Hoping I've not been too lengthy and that all those who have asked me to give them my plans for caring for young turkeys may get a copy of this and be benefited thereby. Wishing all readers of THE INDUSTRIOUS HEN success, I am, MRS. J. C. SHOFNER.

The Mammoth Bronze Turkey

Written for the Industrious Hen.

A reader wishes to know something of the origin of and the best methods for handling and growing Bronze turkeys. The Bronze holds the post of honor above all other varieties of turkeys, because they are the purest, most original variety known.

The Bronze turkey originated from the Pioneer Wild turkey, hence purity and vigor. Their great size, and the beautiful rich bronze plumage they possess was inherited from their wild pro-



A Likely Youngster, Rhode Island Red Farm of A. G. Clark, Willoughby, Ohio.

genitors. In order to successfully maintain these desirable qualities it is necessary to introduce new blood at least every two years, by the purchase of a large vigorous tom, or eggs from the best strain known. In this way and in no other, can this mammoth size be gained and maintained. Some writers claim that there are more Bronze turkeys grown each year than all other varieties. This statement may be exaggerated, yet there is no doubt but what the Bronze variety far surpasses any other variety in number of production, for the reason they have been pushed on all sides until they are now grown in almost every locality in the United States and Canada. Of all domestic fowls grown, none suffer from the effects of inbreeding as much as turkeys. We must guard against inbreeding, if we hope to maintain their size and plumage.

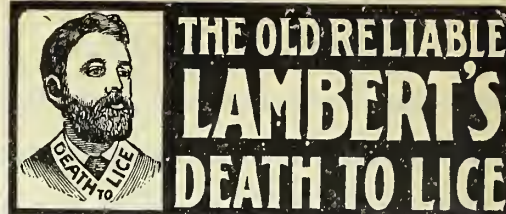
The selection of the breeding stock is a very important feature. I prefer a vigorous bird first above every other thing. If you haven't got constitutional vigor in your breeding stock, you haven't got the least showing for a successful turkey crop. Vigor is the whole thing in growing turkeys. If you have a tom with his head up, apparently enraged at every sound or sight, you have

a tom that will do you good. A large young vigorous tom mated to strong healthy two or three year old hens, will produce the finest lot of specimens of any mating possible to produce. Don't get the idea that the large overgrown specimens are the best birds to breed from. It's the medium sized birds that give best results. But above all discard the underweight females, as they are but little value as breeders. Great length of shank and thigh, if out of proportion, will not add anything to size. Specimens with long deep body, large stout shanks, nice broad, arched back, with a well proportioned large head indicates value most clearly. If you have these desirable points with standard weight, coupled with correct trimmings, you have most valuable specimens.

Remember the male at the head of your breeding pen can be none too good. He is half of the flock and more. See that he has plenty of bone—unless he has large bone and frame he is not a first-class specimen. We don't count much on weight. If the tom is naturally large the weight will always be there. But, if the bird is of small bone and has been fed heavy for weight, discard him, as such specimens are worthless as breeders. Don't forget that any tom will carry with him the influence of his breeding. It's the blood behind him that counts.

One tom will safely mate with eight or ten females. I would not risk more than this number, especially where females are yarded. The breeding stock should always be yarded during the breeding season for various reasons; to avoid crows getting the eggs and to save labor in hunting and looking after the laying hens. They can be released an hour or two each evening, enabling them to get proper exercise and green food.

The poults should be provided with unlimited range. A lady in Ohio asks if poults will not do better in limited quarters. I don't know of anything that



increases Poultry Profits and is practically indispensable to those who raise, sell or exhibit Poultry. Is the quickest and safest Lice Killer on the market and guaranteed not to injure eggs or chickens. Pocketbook Pointers on "Modern Poultry Methods" sent for 2c stamp. Write to-day.

O. K. STOCK FOOD CO.,
647 Monroa Bldg., Chicago.

would produce more certain death unless it is the hatchet. To confine them would deprive them of their wild habits, consequently death is sure to be the result. Turkeys must indulge their wild nature in order for them to grow and develop great bone and frame. Feed poults but little; they will find quite enough food on range over the fields for food. The first two or three weeks of their life they can be fed from two to three times each day, but feed very sparingly as over-feeding kills millions of poults every year.—J. C. CLIPP.

Lice on Turkeys

Five cents worth of Fish Berries, from any drug store, crushed, in a pint of whiskey, rubbed on turkeys affected with lice will kill the lice. Apply every two weeks.

BUFF ORPINGTON WINNERS

Our Buffs were decidedly the greatest winners at Nashville's last two winter shows. (The greatest Orpington show south of the Ohio.) At last show they won silver cups for best Display, best Pen, best Cock, Hen, Ckl. and Pullet, and for best Pullet. Also winners at Bowling Green, Ky., and Bristol, Tenn.

Eggs from Yards 1 and 2, \$4.00 per 15; \$7.00 per 30. From Yards 3 and 4, \$2.50 per 15; \$4.00 per 30 and from flock No. 5, \$2.00 per 30. Write for Mating list, or order from this ad.

CHEANEY POULTRY FARM
MISS NELLIE CHEANEY, Mgr. SEBREE, KY.

S. C. WHITE ORPINGTONS { By careful matings of strong, healthy farm-raised birds we have secured for this season's breeders pens surpassed by none. } **R. C. R. I. REDS**
GOLDEN WYANDOTTES { EGGS \$3 per 15. Literature FREE. } **ANCONAS**
MINNEHAHA POULTRY YARDS, Box X, BANNOCK, OHIO

Wonderful Egg Records, Winnings and Cheap Prices

to new customers. Stock and Eggs for sale. We have many egg records from 22 to 293 eggs per year and many prizes won at largest shows. 25 Leading Breeds bred-to-lay-and-win. 5 breeds of Turkeys, 4 of Ducks, some having won at New York and large shows.

Barred, White & Buff Rocks, R. I. Reds, Black Langshans, White & Columbian Wyandottes
SPECIALISTS. Birds are valued to \$1000. All Poultry Supplies, Incubators, Seed Corn, Etc., cheap with other goods. Fine catalogue for stamp or names of others interested.
F. GAGE CUTLER & CO., Box 66, Carthage, Ill.

S. C. Buff Orpingtons and S. L. Wyandottes

Won 7 ribbons and 3 specials on eight birds at Knoxville, 1908.
Won 6 ribbons and 2 specials at Bristol, 1908.

EGGS \$2 PER 15. BREED, S. C. R. I. REDS, But Have Nothing for Sale.
Dr. E. C. HAMILTON. Abingdon, Va.

ROSE COMB RHODE ISLAND REDS Some of the Best—in the South—

Have been awarded Blue Ribbons by Geo. O. Brown, W. C. Denny, H. P. Schwab, D. J. Lambert, T. J. Marshall, J. S. Jeffries and R. L. Simmons at Charleston, S. C., Monroe, Charlotte and other shows. 34 regular and several special prizes this season. Special for highest scoring cock in the Great Monroe Show—scored 91½ points by Judge Marshall. Eggs \$1.25, \$2.00 and \$3.00 per 15. Incubator eggs \$6.00 per 100, \$3.50 for 50. Write for Mating List.

WM. L. SAUNDERS, Rose Comb Specialist, Box 174, Durham, N. C.

PIGEONS AND BANTAMS

E. E. PRYOR

Pigeon History

Written for the *Industrious Hen*.

The following is so good for those who desire a double mating, I take it from the *Canadian Poultry Review* and believe it will prove beneficial just now. This applies to the Rose Comb Bantam but its suggestions are good for all bantams.

BREEDING FOR PULLETS.

I now propose to describe the pullet pen, or, properly speaking, give a combination of points necessary to produce the sort of a bird you see in the show pen. Pullets are harder to get than cockerels, but they don't give you the same anxiety in rearing as the cockerels. I think also that there are fewer pullet strains than cockerel strains, or might say well established strains. The fanciers lucky enough to possess them, crop up annually with good birds. You can always trace them, no matter whose name is attached to them. Of course, I don't mean to say the fancier who owns the strain always breeds the winners. Oh, no! What I mean to convey to the minds of my readers is this: A has a pullet strain; B, who, by the way, may be a novice, goes and buys a pen of birds from A. B breeds a few birds, one or two which may be the best of the year. Fanciers gather round the pen, and say, "Oh, it is A's strain; it is stamped on the bird." There are certain characteristics which stamp a real strain. I will give you the history of a real grand pullet strain, the foundation of which had a really exceptional thick round lobe, good comb, and the other properties relative to good Bantams. She had a grand lobe, indeed, and I have yet to see her equal in that respect. She won over forty 1st prizes in England and Scotland. This hen was mated to a cockerel that had a very large lobe, but the result was a complete failure. Any chickens that came up in size of lobe were white in face, others were too small in lobe. Next year she was mated to a 1st prize winning cockerel claimed at a show, whose only fault was a small lobe, but which was of grand quality and very round. This mating succeeded beyond expectation altogether. A big percentage came good in comb and lobe, and nearly all that were not good enough for showing were capital stock birds. Strange to say, there has never been any cockerels good enough for showing and they have been bred for eight or nine generations.

A POINT WORTHY OF NOTICE.

Now the amateur would observe, in speaking of the second year's mating, I said there was a large percentage of show pullets, and those not fit for show were capital stock birds. These are the sort you get a bit cheaper than those fit to win, and will be the sort of hens your friend, the old fancier, will select for you. We all like first prize birds in the breeding pen, they please the eye, but sometimes disappoint us in their progeny, their sisters who have not had the same perfect points bestowed on them doing much better. I will give you a case in point. I had two first prize pullets and another of the same strain penned up for breeding. This

other had very bad head points, inasmuch as her leader was sunk in her comb, and she had also a bad folded lobe, but she bred the best pullets, all coming with grand head points. Whether you pen up pullets fit for showing, or the others I have called stock birds, see that they are small, of good color, have clean faces, as good in comb as you can get them, have a big, well laid-on lobe, sticking clear away from the face. Remember the thicker you can get a lobe at the top, the more chance you will have of getting the lobes of the progeny well laid-on. The cockerel to head this pen must have as good a comb as possible, the lobe must be round and of good quality. He need not have a large lobe, but quality he must have. Get him as good in color as you can, and if he has a few red feathers in hackle, shoulder or saddle, he will be all the better for it. You will generally find all the black breeds of good color throw cockerels of this description. Many a novice would be tempted to kill off these birds, but if his strain is lacking in color, they will come useful as stock birds. You will get cockerels somewhat grey in flights, but they don't transmit either of these to the pullets bred from them.—E. E. PRYOR.

Lice on Turkeys

A representative of THE HEN in talking to the Kentucky turkey raiser, Mrs. B. F. Jackson, of Eminence, learned that lice killed more turkeys, young and old, than anything else. Her statement was corroborated by other turkey raisers. Mrs. Jackson is very successful with her turkeys, and uses fish berries to keep off the lice. She says buy from any drug store five cents worth of fish berries, crush, and put in a pint of whiskey. Bathe the heads and other parts of turkeys affected by lice, and it will exterminate them. This should be applied at first every week and later every two weeks will be sufficient.

ALUMINUM PIGEON BANDS



20c per doz. \$1.00 per 100, 6 samples 10c. H. E. Bair, 540 Twilight Yards, Hanover, Pa.



Poultry of Highest Quality

My big new book illustrates and describes over 40 varieties chickens, ducks, turkeys and pigeons. Tells which pay and which do not; how to feed, cure diseases, etc.; gives low price on stock and eggs; how you can earn eggs taking orders. This book will help put dollars in your pocket if you will just write me. It's only 10c. Mention this paper. JOHN E. HEATWOLE, Harrisonburg, Va.



Mated pair kissing. - From eggs to squabs in 4 weeks. Write to-day for our **FREE Squab Book**, How to make money breeding Squabs. **PLYMOUTH ROCK SQUAB CO.**, 348 Howard St., Melrose, Mass.



SANITARY SELF-FEEDER

(Pat. Applied for.)

We are making the best sanitary feeder on the market, and we have tried some. No rain, no rats, no waste, no souring, all objections overcome. What you want for pigeons and chix. A few at cost to introduce them. Will save enough feed in one season to more than pay for themselves. Hold four kinds and three to five gallons at one filling.

PRYOR & KESSLING MFG. CO., Martinsville, Ind.

'IF YOU HAVE A DOG YOU SHOULD READ
FIELD AND FANCY

THE ONLY WEEKLY IN AMERICA DEVOTED ENTIRELY TO DOGS.

Send for free sample copy, and special trial subscription to readers of The Industrious Hen.

FIELD AND FANCY PUB. CO.
14-16 Church St., New York City.

GREAT LOUSE CHASER



An egg-shaped ball of harmless chemicals that drives lice off hens. Keeps chickens clean and healthy. No "doctoring"—just put

Medicated Nest Egg

under the straw of the nests, or in the coop. Lice flee, never to return. Perfectly harmless to chickens. Big money to agents.

THE H. B. REYNOLDS MFG. CO.
Dept. 134, Fredericktown, Ohio

FOR SALE

S. C. Buff Orpingtons.

Blue blooded, well bred prize winners, won at Knoxville, Tenn., December 9th, 1908.

4 Cockerels. Eggs 15 for \$3.

GEORGE SHULAR

Route 1, Box 106, Knoxville, Tenn.
Old Phone 3249S. C. RHODE ISLAND REDS AND
BROWN LEGHORNS

from prize winning strains. Stock and Eggs for sale in season. Cockerels \$2.00; Eggs \$2.00 for 15, \$3.50 for 30, \$6.00 for 100. Satisfaction or your money back.

J. W. BOWERS, Route 1, Engelwood, Tenn.



Paralysis

Locomotor Ataxia Conquered at last by Chase's Special Blood and Nerve, Kidney and Liver Tablets which force new life and strength into the paralyzed parts. A month's trial will convince you. Write for full particulars.—P. 3.

Dr. Chase, 224 N. 10th St., Philadelphia, Pa.

Rose Comb Rhode Island Reds

Won at two shows in Marietta, Ga., 1907, 6 firsts, 2 seconds, 2 thirds. State Fair, Atlanta, Ga., 1908, 3 firsts, 1 second. Mobile, Ala., 1908, a clean sweep; 5 firsts, 2 seconds, silver cup for best pen in show any variety; also club badges for shape and color. Eggs \$2.00, \$2.50 and \$3.00 per 15. Mating list free. No stock for sale.

S. L. ALLEN, R. F. D. No. 2, Marietta, Ga.

RHODE ISLAND REDS

(EXCLUSIVELY)

For the past six years we have made a specialty of this world famous breed, and this year's breeders are the best we ever owned.

Our winnings at the recent State Poultry Show, Jan. 1, 1909, at St. Petersburg, were as follows: 2nd pen; 1st cock; 2nd (tie), 3rd and 5th ckl; 2nd hen; 4th pullet; special best colored female.

We have two yards, mated up which contain all prize winners, scoring from 92 to 94½ points. Eggs \$5 per setting or two sets for \$9.

Eggs from our selected yards are \$2 per setting or two sets for \$3.50. Incubator eggs a specialty at \$8 per hundred.

Write for free descriptive circular.

LAKEMONT POULTRY FARM

WARD & LANE, Proprietors, Box 57, Winter Park, Fla.

BOYS POULTRY WORK

ROBERT G. FIELDS

Club Buttons

For some time the boys have been asking for an appropriate club button, and now that we are on a solid financial footing, we intend taking the matter in hand at once. We have obtained estimates from America's leading button manufacturers, and the lowest price on real good lapel buttons (the screw back kind) is \$12.50 per 50. This will be 25 cents per button, provided we can get orders from the boys for that number. I am sure that all will want one, and hope that some of you may order several. By doing this, you will not only get your buttons sooner, but also will have buttons handy to sell to the new members as you enroll them. This will be of special benefit to those trying for a club prize, as for instance, if they are in a close race, they might let their new members have the buttons at a reduced rate to induce them to join. Though this might seem expensive, it would more than pay for itself in the long run, as most of the prizes offered are valuable. Then too, a button in your lapel would show the prospective member that the Club which you represent is of the first water, and would be a good recommendation to him. These buttons are to be made in two colors, with the Club emblem on them. We want all the boys to suggest two appropriate colors, and give the reasons for their choice. Send in your suggestion right away. To the boy who suggests the best two colors, and gives the best reason therefor, we will give a button free. An order and remittance for at least one button must accompany each suggestion. Send in your order at once, and the Secretary will send the order to the makers as soon as fifty buttons have been ordered. We ought to have fifty ordered in two weeks from now at the greatest. You will get the buttons for less than they cost the Club, as it pays all the postage. Make as large an order as your pocketbook will allow.

Boys' Exhibits at New Berlin, N. Y.

At the New Berlin Show, Jan. 26-29, Archie E. Vandervort exhibited 35 birds, and made the following winnings: Partridge Wyandottes—1, 2 ck; 1, 2, 4, 5 ckl; 2, 3, 4, 5 hen; 1, 2, 3, 4 pul.

Silver Penciled Wyandottes: 1 ckl; 1, 2, 3, 4 hen; 1, 2, 3, 4 pul. Columbian Wyandottes: 1 ck; 2 ckl; 1, 2, 3, pul; 1, 2, 5 hen. S. C. Brown Leghorns: 1 ck; 4 ckl.

Also won 18 specials making a grand total of 51 prizes on 35 entries.

Also the B. N. P. C. ribbon for best display on Partridge Wyandottes; Special ribbons for the best display Silver Penciled Wyandottes, Columbian Wyandottes, and Brown Leghorns. This is the best show record ever made by a boy, if I am not mistaken.

Linn A. Holdridge, won on Barred Rocks: 3 ck; 1, 2 hen; 4 ckl; 2, 4, pul; 2 pen, young. Special ribbon for best display Barred Rocks

Ralph L. Wilkins, won on White Rocks and Black Langshans, as follows: Rocks, 1 ckl, 1 hen, 1 pul. Langshans: 1 hen, 2 pul. Ribbon for 3rd best dis-

play any variety, and special for best display White Rocks.

This show was a fine one and the B. N. P. C. Boys were very much in evidence. Had the Club notice been published in the premium list a good many more boys would have come and shared the winnings with the rest.

Our Paper

Boys, we could all be better posted and make a greater success of poultry if we would read and study our paper. THE INDUSTRIOUS HEN is one of the best published. It devotes a page each month to our Club. The influence of this page is practically thrown away if we do not subscribe for and read it. It is necessary for the success of our Club that we have a paper through which we can reach all our members, and I urge every one who is not getting THE HEN regularly to send 25c to me that I may have your name put on the regular mailing list. We have a special rate as members of the Club, and I want every member to get it every month.

Club Notes

Don't fail to get a club button. They will be beauties, and will show that you belong to a first-class club. Order now from the secretary.

Fred W. Kazmeier, Wis. S. V. P. is editing a Boys' Department in Profitable Poultry. This Department will be devoted to the B. N. P. C. interests, and to boys in general. Luck to the new Editor!

We will have a big list of prizes to publish in the 1910 catalogue, and they will be listed in the order in which they were received. First come, first on the list.

S. C. R. I. REDS. S. C. B. LEGHORNS

BARRED ROCKS and TOULOUSE GEESE

Eggs for hatching, from exhibition and utility stock—the best blood lines in America. First, second and third on pullet and second on pen in Barred Rocks; first, second and third pullets, second cockerel and second pen. On S. C. B. Leghorns at the Lonoke Co. Show Jan. 4-7, '09. Catalog free.

LONOKE POULTRY YARDS, LONOKE, ARKANSAS.

WALLS' CRIMSON STRAIN S. C. RHODE ISLAND REDS

Yes, you want stock or eggs, and the best. Ours have size, vigor, color, shape; are healthy, hustling, heavily-feathered winter layers. Winners at Cleveland and Columbus, Ohio, and Orleans, Indiana. The best is most satisfactory. Write for prices to-day. Eggs by setting or hundred.

WALLS' POULTRY FARM, Mitchell, Ind.
L. Box 451, A.

TO BE SUCCESSFUL

At the fall and winter shows and have early laying pullets, get eggs from

THE CONQUERER STRAIN S. C. Rhode Island Reds

Winners at Atlanta, Macon and Charleston

Atlanta 1st cockerel; Macon 1st cockerel, 1st pen, 2d cock, 1st and 3d hen, 3d pullet; Charleston 1st pen, 1st cockerel, 3d and 4th hen, 2d, 3d and 4th pullet. A. P. A. Diploma for best cockerel, R. I. Red specials for best colored male and best shaped female.

Eggs \$1.50, \$3.00 and \$5.00 per 15

A satisfactory hatch guaranteed.

R. H. PLANT, Jr., 362 Third Street, MACON, GEORGIA

FALLIN'S BUFF ROCKS WIN OVER FIRST PRIZE WINNERS AT MADISON SQUARE

At the great National Show held here in Greenville, Jan. 12 to 15, 1909, in the strongest class of Buff Rocks ever assembled, many birds of national fame going unplaced, I defeated the 1st prize "Madison Square Cock" of only a few weeks previous. We win at the big shows where winnings count. Look our record up at Nashville, Tenn., Charleston, S. C., Greenville, S. C. and Charlotte, N. C.

If at all interested in Buff Rocks write for our mating list and egg circular, it's free.

Eggs \$3 per 15; \$5 per 30—best pens. Utility Eggs, \$1.50 per 15; \$2.50 per 30. We send what we sell.

C. T. FALLIN, Southern V.-P. American Buff Rock Club, GREENVILLE, S. C.

GABHART'S S. C. WHITE LEGHORNS

Have won more prizes at Kentucky's best shows in the last five years than all others combined—Louisville, Ky., State Fair, Lexington and Harrodsburg, also Cincinnati, O. At the Lexington show, January, 1909, on four entries, I won 1st cockerel, 1st hen, 1st and 2nd pullets. They are bred for heavy egg production as well as Standard requirements. Eggs that will hatch, regardless of distance, \$2 per 15. Eggs from the finest exhibition matings \$3 per 15, straight. Males all sold. Females in any numbers. Write me.

W. E. GABHART, Box M, BOHON, KY.

EGGS FROM FOGG'S S. C. WHITE LEGHORNS

WILL HATCH YOU WINNERS

AND HEAVY LAYERS

One breeder hatched pullets from eggs bought of me last season that won first, second and fourth, at Nashville, Tenn. Plenty more have done just as well.

If you want the BEST for your money in eggs for hatching get my SPECIAL MATING LIST.

I pack eggs so they don't break. Send for my SPECIAL MATING LIST to-day. My Catalog is free, too; get them both.

N. V. FOGG

Box A, Mt. Sterling, Ky.



THE DOG

Airedales, the Master Dog

Written for *The Industrious Hen* by Dr. L. C. Toney, Humboldt, Ariz.

The first article under this heading was in the March issue. It is concluded in this number.

FIDELITY TO HOME

The writer's son, a boy of 10 years, was boxing with a neighbor's boy, when an Airedale bitch, Biddy, nipped the neighbor's boy on the hip to remind him that he must not do that and she would nip the boy of the master if he boxed the master too roughly. The male dog, Major Demon, saw the writer's daughter cuffing her papa, when Major took her by the dress to let her know that she was not to hurt him. She ceased playing. The Seattle man whose dog took most all of the seat of the tramp's trousers out, catching the tramp with a pair of stolen gloves from the store of his master, now values the Airedale more than words can picture.

The Denver man whose dog has whipped nearly every Bull Terrier that he has fought, thinks he is all right as a pit dog. The Los Angeles man who saw his Champion Airedale Ladd, kill three Bull Terriers when the terriers had attacked the Airedale to "hunt trouble" and got it, is now thinking them all O. K. as fighters.

What eminent hunters, trappers, travelers, writers, aye, the President of the United States, think of these useful and courageous dogs. President Roosevelt is now having three of these dogs trained to hunt game where the game is real big and "fighty."

When John Goff accompanied him on his hunt in the West, he had several of them along then and that is why they are to be taken again. When once used, they will be used again, as will be seen by reading the rest of this article.

Mr. R. M. Palmer, of Seattle, Washington, a breeder and writer on the Airedale terrier, of superior merit, says:

"Champion Matlock Bob, has been out on big game and has come back the proud winner of many fights with wild were killed by a bear and I must get something else."

W. F. Delabarre, Port Angeles, Wash., hunts bear with Airedale with the still hunt method. He advocates using the Airedale without the aid of the hound. His dogs trail bear and stay with them till found by their owner.

R. M. Palmer says: "I feel safe in asserting that the Thompson Seton story of the Bull terrier killing the wolf, only to succumb to his injuries, would have been a different story, had the hero dog been an Airedale terrier, for those who hunt, know that the working Airedale would satisfy any doubting Thomas, that an experienced one could certainly accomplish what Snap gamely aspired to do, but failed for want of employing the fighting tactics for which the Airedale is the most successful master among all the breeds of terrier and dogs."

The writer showed a picture in last issue, that gives his dog, Major and the badger that he killed on October 11th last, after having brought the badger out from under the building, having to lie on his side to fight him, having but little air to breathe, but finally bringing him out and dropping him at his mas-

ter's feet. The next "set to" was a rapid and fierce one on the part of both the badger and the dog. The dog never had seen one before. He would wool him by catching hold of the loose skin, hold him down to the ground, cover the badger with mud, but invariably, the badger would get up and appear to be injured none or but very slightly. The dog finally, after feeling the sting of the long teeth sunk into his leg or jaw, suddenly seized the entire head of the animal, holding him till dead and then was not satisfied to quit but desired to give more to the dead animal. Major was but little injured and had but a few drops of blood on him, while some dogs are covered with blood. We hope to favor *THE INDUSTRIOUS HEN* with a cut of the next fight between this dog and a wildcat or coyote.

As a watch dog, companion and protector the Airedale has no peer, clean, gentle, affectionate and faithful, the children's guide and pet, keen, peaceable, powerful and fearless. If ever there was a paragon in dogdom, that paragon is certainly the Airedale. To tell his best qualities in a word, is to say that he is a wizard.

Field and Fancy, of recent date, says: "Just what strides the Airedale terrier has made in this country was plainly seen at the terrier show on Thanksgiving Day. The quality and evenness of this exhibit has never been equaled here. (This was under the heading of 'Airedales at Philadelphia,' meaning the show held there). The entry was the largest ever given to any show of this breed."

Gentle reader, you will ask me why I have devoted so much space to the subject of a dog? I shall tell you. Read Ouida's "Puck" to see how beautifully she portrays the qualities of a faithful and intelligent canine and Ouida showed her true nature as being true to her convictions, when she died, even in squalor, as it was, with her 7 faithful dogs following her to her last earthly resting place (and but few human followers) and were loath to leave it after she had been laid away into her cold receptacle and hidden from her best friends, the dogs, a sad commentary on the friendliness of the human race.

The Airedale embodies all that the poets, orators, lecturers, and others, have written and said about the canine in general.

To own one once, is to own one for life. To own one and claim and own his friendship, is to be worth living on this mundane sphere where "Thieves break through and steal" occasionally and where troubles comes to the unsuspecting victims of the inhabitants.

Much should the writer prefer to have his earthly remains followed to the grave by his dogs, as was that of the immortal poet Ouida, than to have it "Sleeping beneath a wilderness of flowers," if unmerited, and far more appropriate is it to see such a sight, than to witness what we often see, namely, the decking of the coffins of sinners and criminals with floral tributes of many values and varieties, with requiems sung over their graves that would sound well for little innocent angelic children, and oftentimes, even the close friends themselves, knowing nothing about the rottenness of the bodies, much less the souls that lived "Doctor Jeckyl and Mr. Hyde" lives, too corrupt to earn any rewards in the hereafter,

though buried with all the ostentation and show that a Lincoln or a pure baby would be, and it were far better to bury these creatures as they lived, in corruption, slime and pollution, where they might not add to their already long list of hypocrisy, a sin that will not be laid to the poor dog. A rose bud pinned to a slimy, hissing snake, would not look appropriate. Better drop such people in a "prospect hole" tied up in a worn out gunny sack, than to be a party to the game of violating the sixth chapter of St. Mathew by decorating with floral tributes the coffin, satin lined and jewel bedecked, the receptacle of the body of a human monster!

When we sum up the many ingrates that we encounter in this wide world, we can but wonder then, why it is, that we do not give the grateful, trustworthy, faithful and loving companion, the dog, a more decent burial than we often do. Bless and love these dumb brutes and teach the children to love them and they will, as sure as the sun shines in Arizona, reciprocate it with tenfold interest.

"The Hen gets RESULTS for me. I do not usually deal out taffy, but get my money's worth from The Hen."—C. T. Fallin, Greenville, S. C.

AT STUD, FEE \$10. C.K.C. 92455.

Imp. SCOTTISH ALTON MONTY

Son of Imp. Champion Alton Monty, and from a direct line of winners on both sides. Large rich golden sable, full white markings and a sure getter of well marked pups. A perfect Collie type, quick and intelligent.

AT STUD, FEE \$10. A.K.C. 122006.

SHADRACK

Son of Alstead Bruce, and a fine specimen of the Champion Wishaw Clinker stock. Beautifully marked sable and white Collie, heavy coat, elegant head and ears, and a sure sire of well marked pups.

Young puppies from best bred bitches. Pedigree with every pup and satisfaction guaranteed.

KNOX COLLIE KENNELS

617 Gav St. Knoxville, Tenn.

AIREDALE TERRIERS FOR SALE

Litter whelped Jan. 22nd, 1909. Sire, the sensational champion Briar's Masterpiece. Considered by critical judges the best American bred Airedale to date. Dam, the grand imported bitch, Pretty Florrie. Prices \$20.00 and up; also others of good breeding.

TANGLEWOLD KENNELS. PRINCETON, N. J.

AT STUD Chief Wonder A. K. C. 86883. Fee \$16.00. A cobby built, big boned son of

Ch. Woodcote Wonder, most famous bull terrier of his day. A few choice puppies sired by Chief ex Pharmacy Queen; she by Fire Chief.

NAVAJO TERRIER KENNELS, 1923 W. 35th Ave., DENVER, COLO.

AIREDALES. AIREDALES

Registered and pedigreed and farm raised. Stock from the famous Clonmel Monarch breed. Splendid pets, good watch dogs, hunters, trailers, swimmers, retrievers, wild animal fighters, mousers, Ratters, vermin, police and pit dogs. Write whether you buy or not, to,

DR. L. C. TONEY, HUMBOLDT, ARIZ.

Dogs Have Worms! Dogs Have Distemper! Dogs Get Out of Condition!

If you have a good dog, keep him in condition and free from worms and distemper by the use of the C. S. R. Remedies. They are the best on the market today. 50 cents Boxes. Postpaid.

C. S. R. CO., 76 Woodlawn Ave., JERSEY CITY, N. J.

HONEY BEE

T. C. KARNS

Southern Bee Culture and HEN one year 75c.
Gleanings in Bee Culture and THE HEN
 one year \$1.00

Tennessee Beekeepers' Association

How many Tennessee beekeepers know that we have a state beekeepers' association in active operation? Well, we have for a fact and every beekeeper of bees in Tennessee ought to belong to it. It meets in the Board of Trade Rooms at Nashville on the second Saturdays of March and August of each year. Dr. J. S. Ward, of Nashville is the president and J. M. Buchanan, of Franklin, Tenn., is secretary-treasurer. By mailing fifty cents to the latter you will get in return a certificate of membership entitling you to all privileges of the association. Send it along at once and become a member. One advantage is a discount of 10 per cent to all members by dealers in bee supplies.

The association is now taking steps for the enactment of a law making our State Entomologist Ex-officio State Bee Inspector whose duty it shall be to inspect apiaries and destroy bees infected with fowl brood and other infections or contagious diseases. By this and other means the association hopes to do much in the interest of Tennessee beekeepers, and it deserves our hearty support and encouragement.

Be True Beekeepers

How many readers of THE HEN want to be true beekeepers? You may if you will. To be a true beekeeper you must love the work. You must think about bees day and night. You must have a bee library and take bee papers. You must have up-to-date hives and other appliances. You should visit other good beekeepers and study their work. The bee-pasture of your vicinity must be studied. The times of certain honey-flows must be known and your bees prepared for them. You must know all about swarms and when to put supers on and when to take them off. When to find your bees is another matter to be thoroughly understood. When honey is made you must know how to care for it and consume it, or to sell it. It takes a good deal to be a true beekeeper, but, if you are fitted for it, the work is pleasant and profitable. There is no more scientific or intellectual occupation.

Beekeeping for Farmers

Few farmers make a success in beekeeping, but only because they do not work right. As in everything else you must meet the conditions of success in beekeeping in order to have success.

In the first place there must be good pasturage in your vicinity. Bees must have pasture in order to make honey the same as a cow must have pasture for milk production.

Investigate and see what honey plants grow around you for a distance of one to three miles. If there is plenty of white clover you are all right. Sweet clover is the same. Sourwood is very desirable. So with fruit bloom and other things.

In the next place you must have the

right sort of hives for your bees. Old box hives are out of date and nearly always unsuccessful. You must have modern hives with movable frames.

Don't take up with local patents and out-of-date hives. Find out what the great successful beekeepers use and select one of those that suits you best.

Get a sample outfit from a leading supply house or factory. Then if you are skillful in tools you can make your own hives similar to the dovetail or others upon which there is no patent. The frames to go into them you can get cheap from a supply house in a knock-down condition and put them together yourself.

Above all you must study bees and know all about them. That is easy in this day of fine bee journals and excellent manuals on beekeeping. Visit other scientific beekeepers and get all their best ways of doing things. Then practice with your own bees. Theory and practice must go together.

Finally don't be afraid to work at the business. It is a mistake to think there is no work in it. Yet the work is pleasant and full of interest. I know a farmer who makes it a success while others around him fail. The difference is that he carries out the suggestions given above while the others do not.

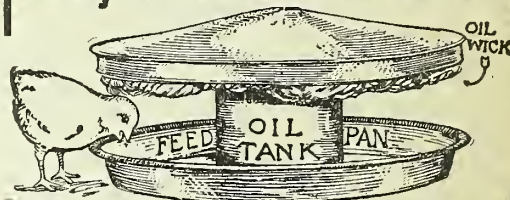
Drone comb in extracting supers is a mistake since bees prefer to store in worker cells. Full foundation sheets will prevent trouble and consequently be cheaper in the end.



Three Silver National S. C. Buff Orpington Club Cups and one Association Cup and Ribbons won at Nashville, Dec. 1908. One of the cups was won for best Display; one for best Pen; one for best Cock, Hen, Ckl and Pul, and one for best Pullet. 125 Buffs in class. Won by Miss Nellie Cheancy, Sebree, Ky.

The largest bees are not the most efficient workers. Size has nothing to do with it.

Every Chick Its Own Doctor



The Automatic Greaser

Greases Chickens' Heads. It works while they eat. No escaping the healing touch of the vermin-killing grease. Kills Mites, Fleas and Red Bugs. Keeps off Mosquitoes. Makes every chick its own Doctor. No chemicals. No special liquids. Uses mixture of Coal Oil and Lard Oil. Made entirely of metal.

50-Chick Size 50c; 250-Chick Size \$1.00
 AUTOMATIC HATCHING CO., FLINT, MICHIGAN

POULTRY AND BEE SUPPLIES

Headquarters and Southern Agents for
LEWIS' BEE WARE

Cyphers Model, Prairie State
 Mandy Lee and Metal Mother
INCUBATORS AND BROODERS

The Mandy Lee Fireless Brooders
 are simply perfection.

CRESCENT BRANDS Chick Feed, Mica Grit,
 Oyster Shells, etc., are the best.
 Write quick for our 1909 catalogue of seeds
 and poultry foods. Established 1869.

OTTO SCHWILL & CO., SEEDSMEN
 BOX 73, MEMPHIS, TENN.

What a Friend Means

We owe our success to our friends; our failure to ourselves. If a man fails in business it is usually his own fault. If he succeeds he owes that success to his friends. Among the shows attended last winter was Akron, and one of the thousands of friends made was Paul C. Bork. He went out among his friends one day and told them of THE INDUSTRIOUS HEN, and what it meant to a man raising chickens to have such a journal come to his home every month. It only took a few moments of his time and a few words from him to convince seven of his comrades that he was in earnest, for seven of them came up and subscribed. Nor was this all. After bringing up several others who subscribed, he said, "I am going to advertise in THE HEN in the spring; and I'll see you at Cleveland." Sure enough, at Cleveland, on the roughest day of the week, through a severe blizzard, here came my friend Bork, with others of his friends, who must have THE HEN. He had his advertisement written out, too, and so did his friend with him, and they both paid the cash in advance. Could I do too much for a friend like this? The paper belongs to such friends. They can

R. C. RHODE ISLAND REDS

White and Silver Laced Wyandottes
Barred Rocks and Sherwoods

My last year's customers raised prize winners and my present matings are better than ever.

Eggs \$1.50 for Fifteen; \$2.50 for Thirty.

Mumford's Poultry Farm, Morganton, N. C.

White P. Rocks for Sale

In my pens are 14 prize birds of Lexington and Frankfort shows, 1908-9.

Winners of two silver cups. 15 eggs, \$2.50; others \$5.00 for 100. Cock scored 95 by McClave.

Mrs. JERRE B. NOLAND, Richmond, Ky.

Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

The White and Brown Leghorns are the greatest layers in the world. I keep 2000 of the celebrated Chamberlain laying strain on my Experimental Farm, and to increase the sale of my Perfect Chick Feed, I will send to any one who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. Eggs by the 100, \$5. White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or Rose Comb Brown Leghorn or Single Comb Black Minorca Eggs, \$1 per sitting. Large Bronze or White Holland Turkey Eggs, \$2 for 10 Eggs. Large White Pekin Duck Eggs, \$1 for 10 Eggs. This is a rare chance to get a start of extra fine stock. Send Post Office orders on St. Louis and have your orders booked early. Fine Roosters for breeding, \$2.50 each. W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, St. Louis County, MO.

THE OIL THAT'S RIGHT

Is the only kind you should use in your incubators and brooders. Many chicks are killed by the deadly fumes from ill-smelling, gummed-up, smoky lamps.

WYANDOT WHITE OIL

is refined by special process, goes through the wick without clogging and burns with a steady flame preserving even temperature. Write for free circular and price.

THE WYANDOT REFINING CO.,

Dept. N,


Cleveland, O.



have anything they want. But a friend like Bork don't want much. His pleasure is in doing something for some one else. And isn't that a sweet privilege? I would rather do a kind act and know that it is appreciated than to receive a sum of money. This little incident has hovered over me for weeks, and constitutes one of my most pleasant experiences in visiting poultry shows.

Friends, you who are loyal to the cause, and to the journal that has striven for five years to furnish you with a monthly that would help you in a business way, each one of you can do as much, or at least one seventh as much as this Akron friend. When you ask a man to pay fifty cents for a years subscription to THE HEN, you are asking him to make an investment that will be worth many times its cost to himself and family. He gets more than value received, and will thank you for the suggestion. If every friend would send us just one subscriber within the next thirty days it would enable us to give you a better journal each month, and you would be equally benefitted in the end.—L.B.A.

ADVERTISERS TAKE ADVANTAGE of our "Breed Specials." May, Reds. June, Leghorns. July, Rocks. August, Wyandottes. Others later. Every breeder knows what it means to be represented in a special number. Although many extra copies will be printed no advance in rates will be made. Write today for rates and state choice of location.



SAFE

BROWN HEAVY WEIGHT POULTRY FENCE

Does Not cost one-half as much as the Common Chicken Netting, yet will last five times as long.

Size of Wires. The top and bottom wires are No. 9 gauge—same size as nearly all stock fences. Intermediate and stay wires in same proportion.

Quality of Wire. All material used in Brown Poultry Fence is best grade of High Carbon, Double Strength Spring Steel Wire. The galvanizing is the heaviest and best possible. All wire is subjected to careful inspection and acid tests before being made into fence.

Construction. Very closely woven, and a sure protection against marauding animals. Your poultry is safe from everything when enclosed with Brown Fence. Built of material heavy and strong enough for horses and cattle. Wires cannot possibly slip.

Saving in Cost. With a No. 9 top and bottom wire you can save at least one-half the posts, and besides you require no top railing or bottom boards. These items alone usually cost more than the fence.

Price. Our prices are less than common netting costs. WE PAY THE FREIGHT and guarantee safe delivery to your nearest railway station.

Guarantee. We guarantee every rod of our Poultry Fence. Every customer who buys this fence and does not find it entirely satisfactory and fully up to his expectations is at liberty to return the same at our expense.

Before buying Poultry Fence get our catalog and investigate the many superior qualities of our fencing. We have 150 styles of fencing—a fence for every purpose. Write today.

THE BROWN FENCE & WIRE CO.,
Dept. 37 CLEVELAND, OHIO.

FIRST PRIZE Winners At CHICAGO

Dec. 15th, 1908

McDanell of course. Send for my new handsomely illustrated catalogue of these Winning Golden and Columbian Wyandottes. Stock from my eggs and birds from my yards are winning all over the country. Why don't you get next? Lots of stock for sale. Eggs \$5 and \$3

J. H. MCDANELL, BOX E, WARSAW, KENTUCKY

EGGS EGGS EGGS

Buy your eggs for hatching from the world's largest Poultry Farm. Fifty choice matings of Buff, White and Partridge Wyandottes, Barred Plymouth Rocks, S. C. White Leghorns and Mammoth Pekin Ducks. Our birds won 102 regular prizes at the Ohio, Kentucky, Tennessee and Illinois State Fairs 1908, also winners at Marion, Chillicothe and Portsmouth, Ohio; and almost a clean sweep at the late Cincinnati Show, winning the Gold Medal for best bird in the show, and Silver Medal for best Barred Rock Cockerel.

Send for Catalog and Mating List.

Hartman Stock Farm Poultry Yards

H. B. HARK, Mgr., Station C, COLUMBUS, O.

LOOK FOR



THE SEAL

CYPHERS POULTRY FOODS

Quality Protected By Sealed Bags

If you buy a bag of Cyphers Poultry Foods, look for the unbroken seal and be sure you get it. If you buy in smaller quantities, ask to see the seal on the bag from which the food is taken. Thereby you are protected and sure to get "Cyphers." We guarantee our Poultry Foods to be the best value on the market—scientifically balanced for best results and we want you to get it just as it leaves our Kansas City Mill. That's why it all goes out in sealed bags. When you have satisfied yourself that you have the real goods, compare it with any other food on the market, at any price, and see the difference. Cyphers Foods contain the best grain—always. It's always the same. It is pure food. Cyphers Foods contain



No Weed Seeds to Breed Weeds—No Grit to Add Weight

The Largest Poultry Food Mill in the World is our Kansas City Mill where we manufacture nothing but poultry foods, including alfalfa products—no breakfast foods nor ordinary stock foods; therefore our customers receive absolutely sound, cleanly cut, dust-free grains; not by-products, waste material or sweepings that remain after putting the better parts of the grains into other foods. Every sack contains a 16-page booklet, "Foods and Feeding," telling now to feed.

Cyphers Chick Food { Health-Giving Quick Growth }

Produces Flesh, Feathers, Bone and Muscle. It aids in preventing Indigestion and Diarrhoea by reason of its well-balanced variety. A pound lost in a young chick's growth can never be regained—once lost always absent—and your chance for winners or early layers has gone.

The Best Foods Produce the Best Fowls—For Show, for Market and for Laying. Therefore it is wise to buy the best. The following is our list of balanced Poultry Foods—all superior and as low priced as we can make them.

| | | |
|-------------------------|----------------------|---------------------------|
| CYPHERS CHICK FOOD | CYPHERS FORCING FOOD | CYPHERS SHORT-CUT ALFALFA |
| CYPHERS SCRATCHING FOOD | CYPHERS LAYING FOOD | CYPHERS SHREDDED ALFALFA |
| CYPHERS DEVELOPING FOOD | CYPHERS PIGEON FOOD | CYPHERS MEALD ALFALFA |

Our Free 212-Page Catalog gives you full information about our Kansas City Mill and tells about the composition of all the above Poultry Foods. It contains photographs of superior, standard-bred fowls; prize winners of America's big shows; over seventy pictures of the World's Biggest Poultry and Puck Farms and Experiment Stations; tells about our new Fire-Proofed Insurable Incubators; our Electric Hatchers and our Mammoth Incubators. Write today for this Big Book. Address nearest office.

CYPHERS INCUBATOR COMPANY Home Office and Factory, Buffalo, N. Y.

Branches:—New York City; Chicago, Ill.; Boston, Mass.; Kansas City, Mo.; Oakland, Cal.

A Word with Our Friends:

Perhaps you never thought of it, but there are many ways by which every friend of THE INDUSTRIOUS HEN may render us valuable assistance without putting himself or herself to any trouble whatever.

Call the attention of your neighbors who are interested in poultry to THE INDUSTRIOUS HEN. Tell them how it has helped you to gain and apply more scientific and profitable principles to the conduct of your business. Say a good word for us on all convenient oc-

casions. You will not only be aiding us to give you a better paper, but will be doing your part toward helping others to an understanding of correct principles, by the application of which only can success be assured.

You will do us a favor by filling out and returning the form below, using such names as you think would be interested in THE INDUSTRIOUS HEN. We will send a sample copy to each name, and for your trouble, will mail you twelve beautiful colored post cards. Send the names at once.

[CLIP THIS OUT AND MAIL]

Circulation Manager *Industrious Hen*,
Knoxville, Tenn.

Dear Sir:—Below are some names that I think would be interested in THE INDUSTRIOUS HEN. Please send me the 12 beautiful colored post cards:

NAME

ADDRESS

| | |
|-------|-------|
| | |
| | |
| | |
| | |
| | |
| | |

Sign

Address

Special Agricultural Train

M. V. Richards, Land and Industrial Agent of the Southern Railway, furnished a Special Agricultural train over the Mobile & Ohio railroad in Tennessee April 6 to 8, and special meetings in the interest of general farming were arranged, with co-operation of the Agricultural Department of Tennessee. The meetings were addressed by Hon. John Thompson, Commissioner of Agriculture; Prof. H. A. Morgan, Director Experiment Station, Knoxville; Prof. C. A. Mooers, Experiment Station, Knoxville; Prof. F. C. Quereau, Asst. Prof. Animal Industry, Knoxville; Col. B. A. Craddock, Humboldt, Tenn., on Tennessee Trucking; Col. J. H. McDowell, Union City, Tenn., and others, including representatives of the Land and Industrial Department. Places of meeting were at Greys, Ramer, Selmer, McNairy, Henderson, Pinson, Jackson, Humbolt, Trenton, Rutherford, Rives and Union City. This tour was no doubt of untold value to the farmers who were fortunate enough to be on the route, and we regret that no representative of the great poultry industry was present.

How to Tell Which Hen Layed the Egg

Every poultryman would like to have some simple system to enable him to tell accurately which of his hens is laying the most eggs. Mr. M. Frank Hutchison, of Herndon, Va., has invented a new system that accomplishes this result. See his advertisement elsewhere in this issue.



Five of our White Rocks that laid 1223 eggs in a year, or an average of 244.6. The first hen on the left weighs 8¼ lbs. and laid 253 eggs in 11 months, then going into molt. She is the mother of the other hens. Owned by F. Gage Cutler & Co., Carthage, Ill. See their ad and send for their fine catalogue of all breeds of bred-to-lay-and-win stock.



Every Rhode Island Breeder

Is invited to contribute at least a few lines concerning his favorite breed for the May issue of THE INDUSTRIOUS HEN. If you have discovered any superior reason why you breed the Rhode Island Reds to any other breed, tell it to your friends. If they are any better than others, or you have any preference, our readers want to know it. The Rhode Island Reds will be on trial next month and the great bulk of evidence in their favor will no doubt increase their popularity. If you have friends to whom you should like to send this "Red Special" send us their name and address and we'll mail them one. Help us to make this, the first one of our Specials, the leading one. Time is a consideration. What you do must be done now. Copy and photographs should all be in by the 20th of April—so please get busy.

Parcels Post a Benefit to the Poultryman

The Virginia Poultry Association at a meeting held Feb. 6 in Richmond, appointed a committee to communicate with Representatives in Congress concerning the passage of the Parcels Post Delivery Bill. Among other arguments presented the committee state that they believe that it will be a great impetus to the poultry industry, furnishing quick and reliable service which is greatly needed. The passage of the Parcel Post Delivery Bill will enable the farmers who order eggs from the poultry breeders to receive them in better condition, far quicker, and at a more reasonable rate than the present method of delivery. The poultry industry has grown to be one of the largest industries in this country, and we believe the passage of such law will be the means of placing it at the very best among our Agricultural industries, and it should be encouraged as far as possible by our Government. The committee is composed of Messrs. W. D. Sydnor, R. O. Berger, H. M. Gaines.

Hatch Chickens By Steam

Stahl's "Excelsior" and "Wooden Hen" Incubators are famous for their hatching records. Perfectly designed, well constructed, satisfactory in every detail—require but little attention. 50 to 600 eggs. Catalogue free on request. GEO. H. STAHL, Box 43 Quincy, Ill.



S. C. BROWN LEGHORNS S. C. R. I. REDS.

Winners Nashville, Knoxville Tenn., Atlanta, Macon, Ga., Mobile, Ala. Eggs, Prize matings, R. I. Reds \$5. Special matings \$3. Leghorns, \$3. and \$1.50. Write us your wants. Satisfaction guaranteed.

Muckalee Poultry Yards
L. P. GARTNER, Prop. AMERICUS, GA.

TRUAN'S S. C. WHITE LEGHORNS

The World's Greatest Egg Producers.
Stock for Sale. Eggs \$2.00 for 15
Cyphers' 70-Egg Incubator for Sale
S. E. TRUAN, R. 1, Fountain, City, Tenn.



2000 Early Hen Hatched Reds.
1000 Yearlings for Sale at Hard Time Prices.

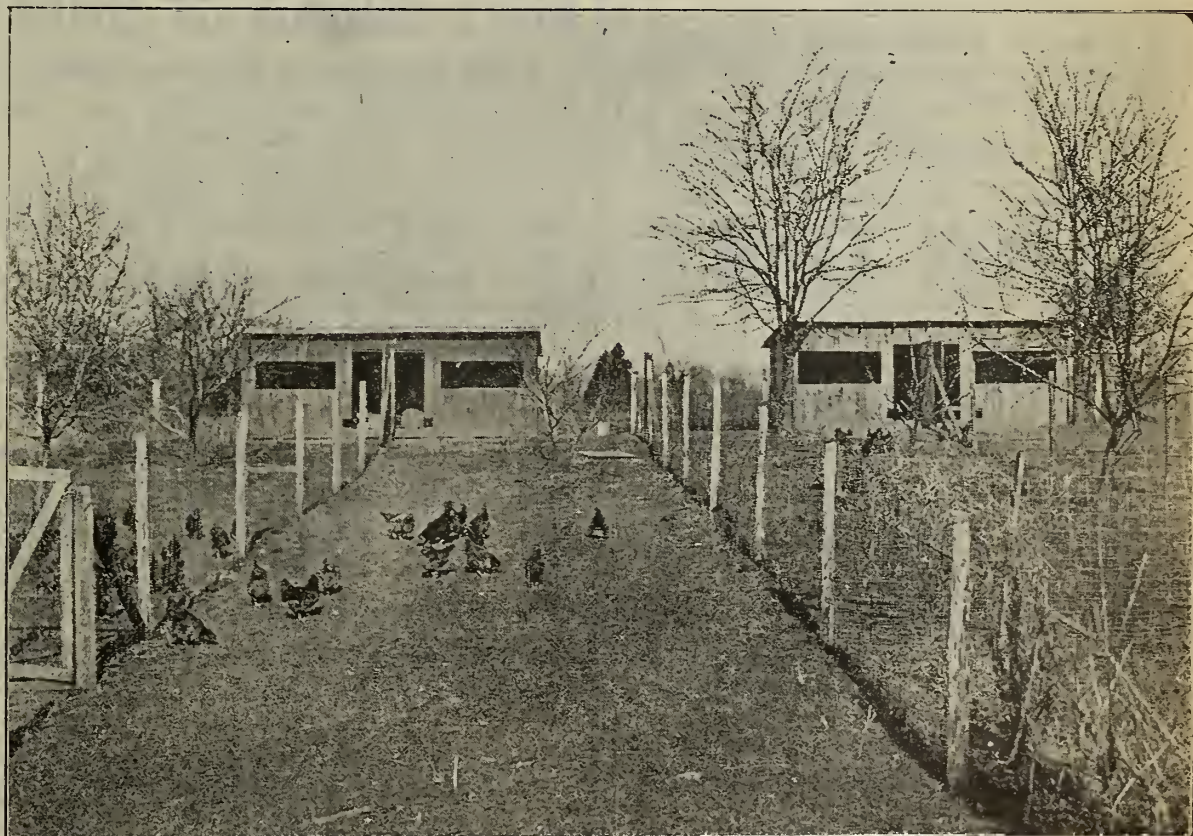
De Graff's Book on Reds is the Finest Poultry Book Ever Published.

CIRCULAR FREE.
De GRAFF POULTRY FARM, Amsterdam, N. Y.

S. C. White Orpingtons

The Strain that Lays
Eggs, \$2 for 15

J. C. MOORE Dothan, Ala.



A section of Breeding Pens of Rosebank Poultry Farm, breeders' exclusively of S. C. R. I. Reds, F. G. Davis, Prop., R. 10, Nashville, Tenn.

Will Publish Show Winnings

It has been the policy of THE INDUSTRIOUS HEN in the past to publish only the show winnings of its advertisers. Our argument was sustained by many but on the other hand we find that a large number of our readers would like to see full reports of the show winnings, and next season we are going to publish them. In order, however, that winnings may be received as quickly after the awards have been made, we will furnish the Secretary of every show a uniform blank on which to write them, and forward to us. Friends can help us by offering to assist the secretary in getting off his report. We cannot publish them unless they are furnished us, and we want them on the blanks furnished, as they economize time and space.

LEGHORN SPECIAL IN JUNE.

Already our Leghorn friends are preparing for the great Leghorn number, to be issued June first, which will represent the different varieties recognized by the Standard, White, Brown and Buff, Rose and Single Comb. Every Leghorn breeder in the United States is invited to be represented in this great issue. Write us why you breed Leghorns and give your reason. Send a cut or photograph of your ideal bird. The breed must gain or suffer from the showing made in this special number devoted to it, and we would like to hear from every breeder who receives this invitation. This will be a Leghorn number and no one should miss the opportunity of saying something for his favorite breed. YOU are invited.

ROSE C. BLACK MINORGAS. COLUMBIAN WYANDOTTES.

Trap nest pedigree layers and exhibition birds for sale. Superb in quality. Are unequaled as egg producers.

S. T. CAMPBELL, Mansfield, O.

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use **PILLING CAPONIZING SETS**. Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c. Gape Worm Extractor 25c. French Killing Knife 50c. Capon Book Free. G. P. Pilling & Son Philadelphia, Pa.

A. C. SNODDY
Columbian Wyandotte Specialist
Eggs \$1.50 to \$3.00 per 15.
NEWPORT, TENN.

Won 1st pair, Newport; 1st pullet and 3rd cockerel, Knoxville. The highest scoring Columbian in show.

GOLDEN WYANDOTTES

I have a few two and three year old females to dispose of in order to provide room for young stock. Write for prices

W. H. LORD, - - - Asheville, N. C.

SUNFLOWER POULTRY FARM

BARRED PLYMOUTH ROCKS

The flock is Standard bred, sturdy, happy handsome. THE STOCK WITH STAMINA.

Eggs are highly fertile. Chicks strong and vigorous. Eggs from carefully mated pens \$2.00 per \$15; \$3.00 for 30; from free range stock \$2.25 for 50; \$4.00 per 100.

MRS. M. E. ALMY,

ALTAMONT, KENTUCKY

WHITE PLUME POULTRY FARM

Without a doubt have WHITE P. ROCKS with quality unapproached. Their winnings of 1st cock, 1st and 3rd hen, 1st and 2nd pullet and 1st pen on seven entries at the big Salem, Ind., show Dec. 07, at Salem, Ind., 1908, 2nd and 3rd ckl. (tied) 1st ckl; 1st and 2nd pullet and 1st pen. Louisville, Ky., 1909, won 2nd pen. Eggs from pen headed by "White Prince." Write

BATT & WEAVER, Box H, Campbellsburg, Ind.

I will furnish Eggs from my celebrated BLUE RIBBON Strain of

WHITE AND SILVER LACED WYANDOTTES

at \$1.25 for setting of 16 eggs. A nice lot of young cockerels and pullets on hand

I am making this sacrifice in prices in order that everybody can buy my eggs.

CUMBERLAND PHONE 20-2. L. FERCUSON, New Middleton, Tenn.

White Wyandottes That Lay

I can furnish stock and eggs for hatching, that will produce fine layers. Eggs from very best utility flock—\$1.50 per fifteen

W. A. LILLARD, 813 Lischey Ave., Nashville, Tenn.

BUFF ROCKS OF QUALITY

AT LOUISVILLE, KY., JAN. 1909

in company with the best in the land. Our Buffs won 1st and 3rd Cocks, 1st and 2nd Cockerels, 2nd and 3rd Pullets, 2nd and 3rd Hens, 1st Pen, Special silver cup for highest scoring Pen. Our 1st Cock was considered a wonder in color and type. Large, rich, golden Buff birds for sale that will please you, at reasonable price. Eggs by the setting or hundred.

Giant Bronze Turkey eggs, bred from the largest and finest marked specimens the world has ever produced.

Yards headed by first prize winners. Write

J. C. CLIPP, BOX 700, SALTILLO, IND.



S. C. BUFF ORPINGTONS

MY SPECIALTY.

Winning at the Hempstead County Fair,

1st and 2nd ckl., 1st and 2nd pul., 1st pen and special for highest scoring pullet of any class in entire show. Watkins, Judge.

At the State Fair Show at Hot Springs,

1st and 2nd ckl., 1st and 2nd pul., 1st and 2nd pen. Blanks, judge. There are no better Orpingtons in the South West. Eggs, \$3.00 and \$5.00 for 15. All infertile eggs replaced. Write for mating list.

C. P. BRIDEWELL, - - - Hope Ark.

MAY—THE "RED SPECIAL."

The Rhode Island Red breeders of America will surely be present in the the May issue of The Industrious Hen. Already large space is being reserved and extra copies ordered. The greatest drawback to this issue is the lack of time. We should go to press earlier this month than usual, and must close our first forms by the 25th of April at latest. In order to accomplish this, all copy, cuts and photographs should be in our hands not later than April 20th. Now, "Red" friends, do not be ashamed of your breed, but let every one who has the faith in him say a few words in its favor. We know you have plenty to tell concerning him—but tell it now. Write your opinion and mail it at once to The Industrious Hen, Knoxville, Tenn., and don't fail to sign your name and proper address.

Your Subscription Free

We want to C-U-B-A regular reader of THE INDUSTRIOUS HEN. Send us two subscriptions at fifty cents each and we will send THE HEN to you one year free. Address THE INDUSTRIOUS HEN Co., Knoxville, Tenn.

Graham for 2d Vice-President A. P. A.

A number of the friends C. K. Graham, of Virginia are urging him to accept the 2d Vice-Presidency of the A. P. A. Mr. Graham is director of the Agricultural Department of the Normal Agricultural Institute, Hampton, Va., and is no doubt worthy and well qualified for the position.

WE WANT AGENTS

To take subscriptions to The Industrious Hen. You will find this pleasant and profitable. Write us for particulars.

S. C. BUFF ORPINGTONS

Blue Blooded, Well Bred, Well Raised Winners. My birds are good to eat, good to lay, good to show. Won at Knoxville, Dec. '06, 1 ckl; 1, 2, 3, 4 pul; 1 pen; club specials for best cock, hen and pen and Grand Silver Cup of Na. S. C. Buff Orpington Club. Eggs \$3.00 per setting.

A. C. COCHRAN -- KNOXVILLE, TENN.

W. Minorcas, W. Wyandottes, Embden Geese, Pekin Ducks that are bred for quality. At Indianapolis, Ind. on White Minorcas, I won in the strongest company four 1st, three 2nd. At Nashville, Tenn. four 1st, three 2nd. Will furnish a limited number of W. Minorca eggs at \$2.00 per 15. White Wyandotte eggs \$1.50 per 15. Embden Geese eggs soc. each. Pekin Duck eggs \$1.00 per 12. Few more choice S. C. Black Minorca Ckls for sale at prices that will move them. Satisfaction Guaranteed, write

J. F. NITCHER, R. D. 6, Seymour, Ind.

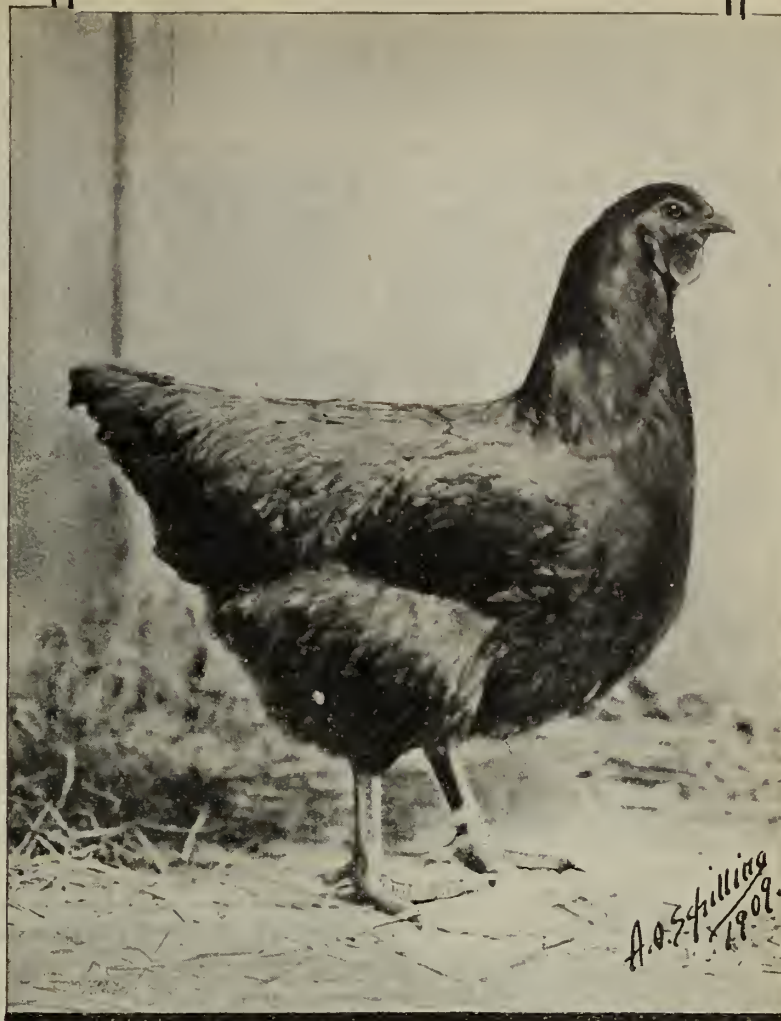
BRODIES CORDIAL**The Ideal Household Remedy**

A sure cure for cramps, colic, cholera, diarrhoea, dysentery, cholera infantum, all bowel troubles.

For Poultry

A teaspoonful to each quart of water will be a sure cure or preventative for all bowel troubles.

I. L. LYONS & CO., Ltd., Proprietors
222 to 226 Camp, 529 to 533 Gravier Sts.
NEW ORLEANS, LA.



R-C-R-I-RED PULLET FROM FIRST PRIZE PEN AT
KANSAS CITY & CLEVELAND SHOWS 1909
Bred & Owned By
RIDGE VIEW FARM
WILLOUGHBY O.

BUFF WYANDOTTES**FROM PRIZE WINNERS**

Raised on free range. Eggs from trap-nested hens at \$1.50 per 15.

Beauty and utility combined.

T. L. HARDEN, Hampton, (Carter Co.) Tenn.

S. C. Black Minorcas Exclusively

Winners of 29 prizes and 2 silver cups at Spokane, Tacoma, Seattle and Wenatchee. Every bird up in weight. Choice exhibition and breeding birds at rock bottom prices. Eggs from first prize winners \$3 per 15. Satisfaction guaranteed. Write for winnings and special mating list.

G. E. BUTTLES, 536 Cascade St., WENATCHEE, WASH.

WILBER'S WORLD'S BEST S. C. WHITE LEGHORNS

America's Greatest Layers and Winners.

Handsome Catalogue and 1909 Mating List are Free.

WILBER BROS., Box G, Petros, Tenn.

DES-RENA POULTRY YARDS
GREENVILLE, S. C.

Our Royal strain of Barred Plymouth Rocks, and White Wyandottes are winners where ever shown, and we can make interesting prices on eggs to any one that wants to breed the very best of birds. We have a few very fine pullets that we can sell very cheap, considering their quality. Our Rocks are all from E. B. Thompson, Bradley Bros., and C. H. Latham's strains, and are very fine birds. Our birds won at all the big shows that we entered them at this season.

DES-RENA POULTRY YARDS, GREENVILLE, S. C.

Glenview Orpingtons**S. C. BUFF EXCLUSIVELY****I WILL NOT SELL EGGS**

for hatching next season. If you want some of the best stock of Orpingtons in the South, **BUY NOW.**

Prices reasonable. Please state your exact wants,

B. S. HORNE, Keswick, Va.

Wilson's White Leghorns Layers - Breeders - Winners

Show Birds Are Cooped Too Long

Mr. James Marsh, Ind., protests against the usual length of time birds are cooped in shows. He says, and truthfully, too, that well bred birds are injured by long confinement in close coops and warm rooms, and believes that all associations should arrange their dates that all birds could be removed on Friday night or Saturday morning, so they may at least be released by Saturday night. It is a shame to allow them to be thus closely confined in badly ventilated and warm rooms for two weeks at a time.

\$50 for a State Fair Slogan

The people in nearly every county in Tennessee have gone "slogan hunting" since the announcement of the offer of the Tennessee State Fair management that a \$50.00 reward is waiting for the contestant who brings in the most likely specimen.

The rules of this contest insure its being conducted fairly, and this, together with the widespread interest in the State Fair, has caused a number of excellent phrases to be submitted already.

The rules of the contest are as follows:

One copy of the slogan to be submitted must be sent on a post card to Mr. J. W. Russwurm, Secretary of the Tennessee State Fair, Nashville, Tenn. This must not bear the name of the contestant.

Another copy must be sent to Mr. Geo. H. Holle, Treasurer, Nashville, Tenn. This must bear both the name and address of the contestant.

Remember what is wanted is a short motto, one that means something and will serve to make clearer to the people of Tennessee—and of the world—the purpose of the annual exhibition of the State's resources.

This exhibition—the State Fair—during its three years of existence has already done the State of Tennessee and of the South an inestimable service in raising the agricultural and industrial standards of the territory over which its influence extends.

It is for a short phrase which can express this mission and purpose that the management offers the \$50 in gold.

Buffalo, N. Y., March 25, 1909
Industrious Hen, Knoxville, Tenn.

Gentlemen:—Kindly discontinue our ad in your publication at once. Your paper has brought us larger returns than many journals where rate is twice yours. We intend to enlarge our plant and have no more breeders for sale. Thanking you for past favors and assuring you that when we have stock on sale again our advertisement will appear in The Industrious Hen, we are,

Very truly yours, Melrose Squab Co.

BRICE'S PARTRIDGE WYANDOTTES

Won this season 25 out of a possible 29 firsts, at Raleigh, N. C., Greensboro, N. C. Columbia, S. C., Knoxville, Tenn., and Rock Hill, S. C. cocks and cockerels at \$3.00 and up according to merit. Eggs \$3.00 per 13.

W. H. BRICE, ROCK HILL, S. C.

Prize-Winning Single Comb R. I. Red Eggs for Sale.

Pen No. 1—All select first and second prize hens and pullets and first prize cock; eggs from this pen \$5.00 for 15 eggs. Pen No. 2—Headed by first prize cockerel and all third and fourth prize hens and pullets; eggs from this pen \$3.00 for 15 eggs. Pen No. 3—Headed by third prize cockerel and all good hens and pullets; eggs from this pen 15 eggs for \$2.00. Pen No. 4—All good breeding stock; eggs from this pen 15 eggs for \$1.50. All orders filled in rotation as they come in.

E. R. CASH, Gaffney, S. C.

STRICKLER'S LINE BREED

When you buy S. C. White Leghorns and Barred Plymouth Rocks you expect to get style, quality and egg producers. If you have not been getting these essentials, come to us or write us. We have them. Give us your egg orders.

Strickler's Pineywoods Poultry Farm, Dinsmore, Fla.



THEY PLEASE PARTICULAR PEOPLE WHITE WYANDOTTES EXCLUSIVELY

1 ck. 1-2-3 ckl. 1-2 pullet. 2-4 hen. 2-4 pen.

Eggs \$1.00, \$2.00 and \$3.00 per 15

COTTAGE HOME GARDENS

Route 6, Knoxville, Tenn.

Do You Want

White Wyandottes

That Will Lay and Win?

A Few Excellent Breeders For Sale
EGGS \$2.00 PER 15

B. A. HASTINGS

Box 32, GALLATIN, TENN.

COLUMBIAN WYANDOTTE EGGS

from 1st, prize winners at New Albany and Jeffersonville, Ind., 1908-09. Eggs \$3.00 per 15 from 1st pen, every bird a winner. Write B. N. STEPHENSON, SALEM, IND.

LANSDEN'S S. C. REDS —DO IT AGAIN—

Because of some "KNOCK" or criticism on the judging of the REDS at the big BIGGEST breeders not only in the SOUTH strongest class ever entered, including the BIGGEST Breeders not only in the SOUTH but also many BIG EASTERN breeders, 1st, 2nd, and 3rd pullet "or a clean sweep;" 2nd cock, 2nd hen, and cockerel, FIRST PEN; and not only first pen of REDS but the championship \$50.00 cup for best pen in the show, all varieties competing, cup for 10 best pullets, special for largest and best exhibit.

We were called on by many friends to confirm the correctness of the awards at the big Nashville winter show, under different management and judge. Here we entered only one cockerel, winning first. Three hens, winning 1st, 2nd and 3rd; two cocks, winning 1st, and 4th; 2 pullets, winning 2nd. Also FIRST PEN and the challenge cup for best pen in AMERICAN class. "AND STILL THEY KNOCK." We CAN'T HELP IT BECAUSE THEY WIN. Our LITTLE RED BOOK tells the RED HEN TALE. Get it before you spend your money.

H. B. LANSDEN & SON,
RED SPECIALISTS BOX B, MANCHESTER, TENN.

BUFF ROCKS

EGGS FOR HATCHING

Quality matings—prize winners at leading shows including Madison Square Garden, Cincinnati, Indianapolis, Kansas City, Etc.
THEY ALSO WEIGH, LAY AND PAY.

BARGAIN PRICES—GUARANTEED RESULTS
MATING LIST UPON REQUEST

DON'T MISS THIS!

R. B. SANDO, BOX 60, POTSDAM, OHIO

"Best that Grows" in Buff Rocks

It is a pleasure to see a man keep forging till he gets to the top; produce "the best" and then divide with his fellow man at a price no higher than charged for "the worst." C. W. Fowler, the Champion Buff Rock breeder, Smyrna, Ga., deserves a great deal of credit for the excellent blood lines he has sent out all over the country. Not only do birds raised and exhibited by him win wherever shown, but the birds he sells win for his customers. Ask Mr. Fowler to send you a circular that will open your eyes as to his strain of Buff Rocks. There's always something to learn.

Alaska-Yukon-Pacific Exposition

Agriculture, horticulture and kindred subjects of interest to the farmer will occupy more than 50 per cent of the entire exhibit space at the Alaska-Yukon-Pacific exposition, to be held in Seattle during the summer of 1909, June 1 to October 16. In addition to the agricultures building every section of country that has its own building will make a feature of its show of farm products, the transportation building will be used to exhibit the latest development in the manufacture of farm machinery and the United States government, through the department of agriculture will give a comprehensive display that will be of interest to every farmer, stockman, horticulturist, poultryman and dairyman.

The Hawaiian Pine-Apple Growers' Association will feature their products at the Alaska-Yukon-Pacific exposition to be held in Seattle next summer, and the display to be made at the coming fair will be beyond question the most elaborate and complete that has yet been ever attempted. The rapid prominence and importance of the pine-apple industry of the Hawaiian islander gained during the past two and three years has been phenomenal, and the present exposition is regarded by the planters as the most valuable and advantageous opportunity for widely bringing their wares before the American public that has ever been offered. Every possible advantage of the occasion will be availed of and no expense in any way necessary to the entire success of the exhibit will be spared.

S. C. Brown Leghorns and Columbian Wyandottes

Winners of the Blue in Four States and 3 Cups this Season.

We won on Columbian Wyandottes, Nashville, 1st ck., 1st hen; 1st, 3rd ckl.; and 1st pen. At Jackson, Miss., 1st, 2nd ck.; 1st 2nd hen; 1st, 2nd ckl. 1st, 2nd pul.; 1st pen. At Augusta, Ga., held on same dates as Jackson, 1st, 3d ck.; 4th hen; 1st pul.; 4th pen. At Mobile, Ala., 1st, 2d ck.; 1st, 2d hen; 1st, 2d ckl.; 1st, 2d pul.; 1st pen.

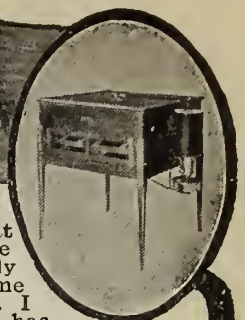
On S. C. Brown Leghorns, Nashville,

3rd ck.; 3rd pen. At Jackson, Miss., 1st, 2nd ck.; 1st, 2nd hen; 3rd, 4th ckl.; 1st, 2nd pullet; 1st pen. At Augusta, Ga., (held on same dates as Jackson), 4th ck.; 1st, 2d hen; 3d ckl.; 1st, 2d pul.; 1st pen and cup for best display. At Mobile, Ala., 1st, 2d ck.; 1st hen; 2d, 3d ckl.; 1st, 2d pul.; 1st pen and cup for best pullet in show.

STURTEVANT BROS.

KUSHLA, ALA.

Write us your Wants. Correspondence Solicited



THE incubator season of 1909 finds every essential feature retained that has made the Model Incubators famous for hatching chicks that live. Model Incubators have always hatched because construction, heating and ventilating are mechanically perfect. I use selected chestnut for exteriors—the same wood used by piano makers for "building up" work. I have yet to hear of a single instance where a panel has swollen or checked, or a joint opened. The complete insulation surrounding the egg chamber, protects against sudden and fatal changes in temperature, which is accurately controlled by our compound corrugated leaf thermostat. The improvements of 1909 are: Model Moisture Regulator, which can be attached to any Model Incubator, to supply moisture when needed and controls humidity and doing away with spraying of eggs, damp cloths, wet sand boxes and other uncertain processes.

Model Patented Flame Extinguisher, preventing continued smoking or over-heating of the burner and oil. We have made this Flame Extinguisher a part of the regular equipment of 1909 Model Incubators.

Model Patented Automatic Lamp Filler, to be attached to one or several incubators or brooders, to keep the oil fount filled to uniform height.

The strong, vigorous chickens hatched in Model Incubators can best be raised to maturity in Model Brooders, and early hatches must of necessity be raised in brooders. The Model embodies distinctive construction. Its perfect ventilation, thorough lighting, diffusion heating system, and convenience in cleaning make it the most hygienic brooder made.

Most Important: You ought to get posted on Model Incubators and Brooders, so send today for complete catalog describing them and Chas. A. Cyphers' other successful inventions.

CHAS. A. CYPHERS, President,

**MODEL INCUBATOR CO.
332 Henry St., BUFFALO, N. Y.**

The KNOXVILLE STORAGE CO.

**SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.
CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS.**

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy



CHICK-A-DEE FARM

SINGLE COMB RHODE ISLAND REDS

PURE BRED STRAIN, BRED EXCLUSIVELY FOR UTILITY PURPOSES

If you are interested in REDS that are hustlers, rustlers and money makers place your orders for eggs with me
J. A. DINWIDDIE, ROUTE 3, NEW MARKET, TENN.



Single Comb RHODE ISLAND REDS

EGGS \$1 PER 15

JOHN W. BROWN, Thorn Grove, Tenn.



CHILDRESS' S. C. WHITE LEGHORNS

ACKNOWLEDGED BEST IN THE SOUTH

If you want strictly high-class birds, always go to the fountain head for them. My birds are scientifically mated, have low heavy tails, fine size and perfectly white.

IDEAL IN SHAPE AND COLOR

Have won prizes over the world's most noted breeders at Hagerstown, Cincinnati, Charleston, Atlanta, Birmingham, Chattanooga, Sweetwater, Knoxville, Tennessee State Fair, Asheville, N. C., Augusta, Ga., Bristol, Tenn.

EGGS AT HALF PRICE, BALANCE OF SEASON

Will furnish eggs balance of season from my \$3.00 mating at \$2, and from my special \$5 exhibition mating at \$3. If you want to raise some show birds don't let this opportunity pass you. Send P. O. order direct from this ad and you will get eggs from the prize winners mentioned. Write today.

JNO. F. CHILDRESS, Sweetwater, Tenn.

Frank's S. C. Rhode Island Reds BRED TO LAY —AND WIN—

Won at Nashville Fair, 3rd cockerel, 3rd pen. At Nashville Poultry Show, 3rd Pullet, 4th hen, 4th pen. At Birmingham Fair, 2nd cockerel, and others elsewhere. Catalogue Free. STOCK AND EGGS FOR SALE.

EGGS \$2.00, \$3.00 and \$5.00 FOR 15—\$3.50, \$5.00 and \$8.00 FOR 30—FOR INCUBATOR EGGS \$7.50 PER 100.

JAMES M. FRANK, Montrose Avenue, NASHVILLE, TENNESSEE

Neapolitan Virtues

"Foreigners, travelers who come to 'see Naples and die,' as Neapolitans sometimes rather contemptuously say of those who give a couple of days to their adored city, often abuse Naples and abuse the Neapolitans," writes Robert Nichens in the April "Century" in a picturesque description of "After the Earthquake." "They speak of dirt and extortion, and shut their mouths with a snap as who should say, 'That settles it!' We must not be angry with them; they simply do not understand. Neapolitan faults are on the surface. But Neapolitans have many virtues; so many that most people—even foreigners!—who live much among them grow to be very fond of them."

The American Buff Rock Club

Met at Greenville, January 14 and elected the following officers: Executive Committee—G. W. Fowler, Pres., Smyrna, Ga.; Dr. C. W. Coolidge, Bristol, N. H.; H. P. Mason, Fayette, Mo.; John W. Poley, Royersford, Pa.; Wm. A. Stolls, Secy-Treas., Indianapolis, Ind. District Vice Presidents—Central, John L. Waddell, Decatur, Ill.; Southwestern, Thos. B. Elliott, St. Louis, Mo.; Eastern, F. G. Bean, Collegeville, Pa.; New England, E. A. Willis, Brockton, Mass.; Southern, C. T. Fallin, Greenville, S. C.; Northwestern, Peter Hove, Stanhope, Ia.; Pacific Coast, D. J. Beinhart, Kennewick, Wash. The Club will continue publishing the Quarterly for the purpose of disseminating special information concerning Buff Rocks.

THE HEN BRINGS ORDERS

"I am getting **ORDERS** from my ad in **The Industrious Hen** and am sending out **Stock and Eggs** that I think will do both of us good in the years to come. I am raising all my chicks in **Lampless Brooders** of my own make, and to say they are the strongest and healthiest Chicks I ever raised, is putting it mildly."

C. H. DOZIER, Marion, Ala

S. C. B. MINORCAS

EGGS \$1.00 PER FIFTEEN

Not only a "thing of beauty" but the Best Layer of them all. Fertile eggs, healthy, vigorous chicks a specialty.

Reuben C. Burdette, Martin, Tenn.

White { WYANDOTTES
PEKIN DUCKS
AFRICAN GUINEAS
HOLLAND TURKEYS
TOULOUSE GEBSE

Winners at Madison Square, Jam-stown Exposition, Philadelphia, State Fair, etc.

STOCK AND EGGS FOR SALE

Evelyn Heights Farm, W. W. Thomas, Prop., Collett, Va.

INDIAN RUNNER DUCKS

First prize winners at World's Fair, St. Louis, Mo.; Herald Square, New York; Kansas City, Mo.; Chicago, Ill.

WHITE WYANDOTTES, white as snow. State show winners, Silver Cup winners. Birds score to 96, Pen to 101. Catalogue free. Expert poultry judge. Write me for terms and dates. R. L. CASTLEBERRY, McCune, Kan.

FISHEL WHITE ROCKS At HALF PRICE

Knapp Bros'. White Leghorns Dirt Cheap

S. C. Rhode Island Reds

AS RED AS THEY GROW

Grand pen of two-year-old White Rocks, direct from Fishel, cost \$57; first draft for \$28.50 gets them; grand, large, snow-white birds. A pen of yearlings, bred from above \$16. White Leghorns \$1 each while they last. Pen of Reds, headed by an Eastern winner, \$25; splendid early hatched youngsters \$5 per trio. First money gets pick; must sell.

C. W. BUTTLES

59th and Jackson Ave., Kansas City, Mo.

A NEW DISCOVERY!

WHICH WILL POSITIVELY DETERMINE THE FERTILE EGG BEFORE INCUBATION



SEE THAT "XX"?

POINTS THE WAY.
START RIGHT
YOU END RIGHT

"XX" means fertility.

Every good egg registers at some point on the scale of "The Breeders'

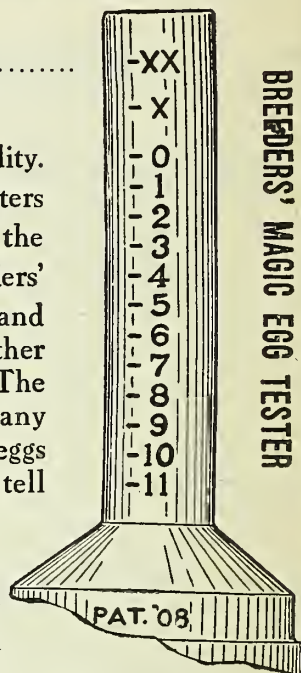
Magic Egg Tester," according to its condition, and this wonderful little instrument tells instantly whether an egg is fertile or not **BEFORE** incubation. The scale reads like a thermometer and so easy that any 10-year old child can test eggs. The fertile eggs register at "XX" and the tester never fails to tell whether fertility is strong, weak or absent.

A well-known poultryman of Western New York says:

Niagara Falls, N. Y., Jan. 19, 1909.

"Used your Breeders' Magic Egg Tester since Aug. 1908. 100% correct in all kinds of tests. Simply perfect. Invaluable." F. C. Seiler.

Breeders' Magic Egg Tester sent complete, ready to use, by mail post-paid \$2.00. Write for circular. Demonstrated in the Poultry Department at Buffalo Agricultural Fair with over 500 sales in the county. Order filled on day received. Money refunded in every case if not satisfied.



MAGIC EGG TESTER WORKS

Department G

BUFFALO, N. Y.

HARP'S SINGLE COMB BUFF ORPINGTONS

Prize Winners **BUFF COCHIN BANTAMS** Egg Layers

Five grand pens. Mating List for the asking. Eggs by the setting or hundred.

Satisfaction guaranteed

ROGER V. HARP, Short Street, Lexington, Ky.

BLACK MINORCAS & BARRED PLYMOUTH ROCKS

Our Pens Contain Only High-Class Breeders

Won at Pickens, S. C., Barred Rocks, 1st, 2nd, 3rd pullets, 1st pen, best pair; Single Comb Black Minorcas, 2nd cockerel, 2nd hen. At Greenville, S. C., show, January 12-15, three entries, S. C. B. Minorcas, 1st and 2nd cockerels, 1st pullet. Eggs \$2 for 15, \$3.50 for 30. Write for Descriptive Circular and Mating list. Our motto: **QUALITY.**

HILLCREST POULTRY FARM, Ninety Six, S. C.

R. G. McCANTS, Proprietor.

EGGS EGGS EGGS

RION'S

WHITE WYANDOTTES

Our continued winnings at various places demonstrates the fact, that our birds are the "proper stuff," and besides this they are perfection in egg laying.

Send for illustrated Mating List for 1909—Our Matings are 'QUALITY.'

FOUNT H. RION

EASTLAND

NASHVILLE, TENN.



Greider's Book on Poultry

Illustrates 60 leading varieties; contains fifteen attractive chromos. Directions for care of fowls, building

houses and equipment, increasing egg

production, preventing disease, etc. Simple, concise, easily understood. All poultry supplies at reasonable prices. This valuable book, postpaid, 10c

Greider's *Germicide* is a safe, certain cure for lice and other insect pests. Is also an excellent disinfectant—prevents spread of disease. B. H. GREIDER, RHEIMS, PA.



LET ME TEACH YOU HOW TO MAKE

chicken feed at 10 cents per bushel, select the layers, get big hatches, make your own fireless brooder for 50 cents.

C. M. NEVITT,

3 Marsalis Avenue, DALLAS, TEXAS

SPRING GROVE POULTRY FARM R. C. RHODE ISLAND REDS

Prize winners Knoxville's four great Shows. Dec. 9-12, 1908, won 1-2-3-4 on pullet, 2nd on pen, 3rd on ckl, 1st on hen. Best matings \$3.00 per 15 eggs. Utility stock \$1.00 per 15 eggs, also settings of S. C. R. Island Reds \$1.00 per 15.

O. H. C. RODGERS, Route 6, Knoxville, Tenn.

CHOICE POULTRY YARDS

The place to get eggs and breeding stock. Choice of seven popular breeds: Choice Strain S. C. Brown and White Leghorns, Red Bird Strain R. and S. C. Rhode Island Reds, Swift Strain W. Wyandottes, Buff Plymouth Rocks and Buff Orpingtons. Each pen is composed of prize winners, at last winter Poultry Shows: Augusta, Ga., Asheville, N. C., Greenville, S. C., Charlotte, N. C., and Haywood and Mecklenburg Cos. Fairs. Never failed to win wherever shown. Stock guaranteed as represented or money refunded. Prices of eggs as follows: Leghorn \$1.50, Red and Wyandottes \$2.25, Buff \$3 for 15, guarantee a 60 per cent hatch, or will duplicate order for half price. Reference Bank of Waynesville. Write for prices and Mating List.

J. P. SWIFT, Prop., Waynesville, N. C.

THE FISHEL STRAIN

White Rock Eggs for Sale

\$5.00 FOR 15

Stock in Fine Condition

D. H. TURNER, NORMAL, ALA.

S. C. Buff Orpingtons

Won this season in Birmingham, Montgomery, Mobile and Augusta.

Eggs \$2.00 and \$3.00 per 15; \$10.00 and \$15.00 per 100.

Eggs after April 15th at ½ price.

BOSTON TERRIES—ALL AGES

J. L. ALLEY

Box 110

MIDWAY, ALA.

Black Orpingtons

This grand breed of birds is fast becoming popular in the South, and in a few years will rival the popular White and Buff. At the Tennessee State Fair show last fall it was our pleasure to examine some very fine specimens belonging to Miss Alice Platon, of Nashville. She had birds that not only scored as high as anything in the show, but won as many prizes as any other breed for number exhibited. In her mating list just out we note the following facts: "The Black Orpington holds the world's record as layers. Their eggs are wonderfully large and of rich flavor. They have white meat, tender and juicy. They stand confinement well, and do not show soil, making them very desirable for a city lot. The males weigh from 10 to 12 pounds, and the females 8 to 10." Miss Pelton has won many blues wherever shown and has some stock for sale and eggs from matings that will produce their like. Ask for more facts on the Black Orpington from Park Poultry Pens, Miss Alice Pelton, Manager, Nashville, Tenn.

Let the Chicks Be Their Own Doctor

Among the new equipment put on the market for poultry raisers this year it is doubtful if any other one article will attract so much attention as the automatic greaser, which is being manufactured in Flint, Mich. Those of our readers who have experienced the difficulty and inconvenience of greasing the necks and heads of chicks to kill lice, fleas, mites and red bugs will appreciate this automatic contrivance which accomplishes the work without any disagreeable attention on the part of the poultry raiser. This automatic greaser is made up of a round feed pan in the center of which is an oil tank with an overhanging top the same size as the feed pan. Around the lower edge of the top runs a wick which is constantly fed with oil from the tank. The chicks when feeding cannot avoid rubbing their heads and necks against this wick, all vermin thus being killed and the chicks being kept free from sore head. It is said the cost of oil for this wonderfully effective greaser is not more than five cents a week. For full information about the Automatic Greaser and other automatic supplies, our readers should write to the Automatic Hatching Company, 32 State Street, Flint, Mich.

SOMETHING TO CROW ABOUT

HEN-E-TA BONE-GRITS

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED

100 LB. BAG \$2.25 | 50 LB. BAG \$1.50

30% PURE BONE ASH

VALUABLE BOOKLET RELIABLE JOBBERS WANTED

HEN-E-TA BONE CO.

NEWARK, N.J. DEPT. 8 | FLEMINGTON, W.VA.

Royal Reds and Buff Orpingtons

Eggs from choicest selected matings of Rose and Single Comb Rhode Island Reds and Buff Orpingtons. Best strains. Winners of many handsome prizes. \$2.00 per 15, \$7.00 per 100. Also stock. Baby chicks \$3.00 per 15.

GEO. W. SWEETING, LOCUST MOUNT POULTRY FARM, SHARON, HARTFORD COUNTY, MARYLAND

DOAK'S WHITE WYANDOTTES

BRED FOR BEAUTY AND BUSINESS

The "Foremost Strain" of the Southland in QUALITY and WINNINGS

INVESTIGATE OUR CLAIMS
We satisfy the most exacting

E. L. DOAK & SON
NASHVILLE, TENN.

WALKER'S S. C. RHODE ISLAND REDS

WINNERS AT DETROIT, LOUISVILLE AND INDIANAPOLIS

Write for mating list and complete winnings.

D. B. WALKER, ORLEANS, IND.



RINGLETS, ROCKS and REDS

A grand flock of fowls for sale at reasonable prices. Many of them are prize winners. Exhibition birds a specialty, bred for size and egg production. Can furnish large, early hatched cockerels and pullets to improve your flock of the following strains: Thompson's Ringlets, Latham and Well's Barred Rocks, Dutton's Wyandottes, Buff Rock Nuggets, Cook's Orpingtons, Tompkin's and Caswell's R. I. Reds, W. Leghorns, P. Wyandottes, Anconas, and Fishel's White Rocks. At Burlington and Greensboro, Oct., 1908, in a strong class, won over fifty prizes. Write for show record and prices. Eggs, special mating, \$1.50; best prize mating, \$2.00 and \$2.50. Orders solicited.

DR. JOHN W. LASLEY, - Burlington, N. C.

BOYD'S QUALITY

S. C. BROWN LEGHORNS

Latest Winnings: Tenn. State Fair, Sept., 1908, 1st and 2nd Cocks; 1st Cockerel; 2nd Hen; 1st Pullet; 1st Pen and All Specials. Augusta, Ga., Nov., 1908, (Quality Show of South), 1st and 3d Cocks; 1st and 4th Cockerels; 3d and 4th Hens; 3d and 5th Pullets; 2d Pen and A.P.A. Medal and Diploma.

Only Limited Number Birds For Sale. Eggs In Season.

For Prices write **Dr. H. T. BOYD, Sweetwater, Tenn.**

We Send What We Sell

We call your attention to the ad of C. T. Fallin, Sou. V. Pres. American Buff Rock Club, who lives at Greenville, S. C. Mr. Fallin has out a very neat circular describing his matings and if you are at all interested in Buff Rocks you will do well to send for it, and if in need of stock or eggs you can do no better than buy of him as he is a gentleman Fancier, raising Buff Rocks for the love of it and doing business on a high and honorable basis. His motto being "We send what we sell." He has spared neither money nor time in his efforts to get his flock to be "as good as the best," and from his show-record we readily infer that his efforts have not been in vain. He is a Fancier of many years experience.

A Private Letter Made Public

CORNELL UNIVERSITY, ITHACA, N. Y.,
March 16th, 1909.

Mr. S. T. Campbell, Mansfield, O.,

MY DEAR MR. CAMPBELL:—You will, I am sure, be glad to learn that at the recent meeting of the New York State branch of the American Poultry Association, held at Ithaca during our Poultry Institute, we devoted a little to time to any informal discussion as to the merits of the various candidates for election to office in the American Poultry Association. Several persons took occasion to say many complimentary things about your candidacy, and no word was said in opposition. I have reason to assume that practically every member present intends to vote for you. The fact that you have served so many years loyally and faithfully, attending the meetings and securing new membership, as well as your strong attitude on various questions which have come up at critical times, makes you especially well qualified for the position of Secretary-Treasurer, where a mature judgment and a familiarity with the work of the Association are vitally necessary. I have recently heard it stated that you have secured during recent years more new members to the American Poultry Association than any other person, except the secretaries. I have not had the opportunity to verify this fact, but I can easily believe it to be true from the number of new members that I have happened to know you have secured. Through what I can learn I judge that you have splendid chances of election. You have my best wishes and as I have already written, you, also my vote. With best wishes, I am, Sincerely yours, JAMES E. RICE.

S. C. WHITE LEGHORNS

The kind that lay and pay. Their list of winnings at Akron are 1st cockerel, 3rd pullet, 1st pen on three entries. Eggs \$3.00 per 15.

OAK POULTRY YARDS; AKRON, O.

DITTO'S Rhode Island Reds

Winners at New York, Jamestown, Louisville, Lexington, Indianapolis, Nashville and all big shows. My matings are better this season than ever before; every female is a rich even red and all pens are headed by prize winning males. They are sure to produce high class show birds. Eggs that will hatch, \$2.00 and \$3.00 per 15.

Catalog free.

D. L. DITTO
Brandenburg, Kentucky.

BUFF ORPINGTONS

The type of my flock is firmly established, and the beautiful clear Buff is excelled by no breeder in the country.

Exhibition Stock Always on Hand.

H. H. KINGSTON, JR.
Brighton P. O. ROCHESTER, N. Y.



PARRISH BREEDS QUALITY BRAHMAS

Years of careful selection has enabled me to produce a strain of Light Brahmas that I believe are the heaviest egg producers in existence, and in the hands of my customers, as well as myself, have almost invariably made clean sweeps in the show room. I have never yet given up a first prize ribbon to a competitor.

COLUMBIANS

The strain of Columbian Wyandottes that has the strongest color lines on earth. I have already furnished some noted winners in Columbian Wyandottes. My catalogue will tell you how I originated this strain by Light Brahma and White Wyandotte crosses.

Write for Catalogue

Parrish breeds and sells more show specimens than any five Brahma or Columbian breeders in the South.

T. REID PARRISH
(LICENSED JUDGE)
NASHVILLE, TENN.

BEECHWOOD POULTRY YARDS

THE HOME OF S. C. BUFF ORPINGTONS
AND R. C. RHODE ISLAND REDS

Why not buy eggs from first prize birds? Best winter layers. We have them. Let us furnish you. \$2.00 for 15, \$3.00 for 30, \$5.00 for 50. Satisfaction guaranteed.

MRS. ENOCH BROWN, R. 6, Franklin, Tenn.

PRINTING FOR POULTRYMEN

We have the best equipped plant in the South, and our customers have the full use of our thousands of poultry cuts. Send for samples and estimates on printing, and all kinds of blank books. THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

FORBES'

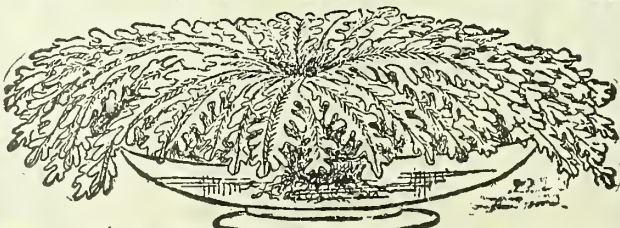
White Wyandottes, Black Minorcas, Barred Rocks, Brown & White Leghorns

Winners at America's Greatest Shows in Hottest Competition,
Including Jamestown, Nashville, Birmingham and Montgomery.

A few bargains in frosted combed cockerels. Eggs \$1.00 to \$5.00 per 15. Agent for Cornell incubators and Conkey's Remedies. Special representative INDUSTRIOUS HEN.

FORBES' POULTRY YARDS, Box 7, NEW DECATUR, ALA.

Two Sacred Resurrection Plants Free. (The Rose of Jericho.)



Either offer separately if desired. Address FARM NEWS, 243 Washington St., Springfield, O.

No Hatch No Pay

SELECTED Eggs from selected hens only \$2 for 15 and hatch guaranteed, thus: Send only \$1.00 now. If over eight hatch, you pay balance in proportion. If less, we refund at same rate. Nothing but pure bred S. C. W. Leghorns, best laying strain and first prize winning stock. This is the only kind of guarantee that counts. You run no risk, pay only for what hatch.

PIERCE POULTRY CO.
ROGERSVILLE, TENN.

HIGH SCORING R. C. REDS

First pen headed by cock, Red Jacket, mated with ten good pullets. Eggs \$10.00 for 15. Second cockerel, Lewis Second is mated with ten good pullets, \$5.00. Third twenty hens mated to three good cockerels. Eggs \$3.00. White Holland turkey eggs \$3.00 for 11. Indian Runner Duck eggs \$1.50 for 12.

MRS. R. E. RYAN
ADAIRVILLE, KY.
R. F. D. No. 2.

BROWN LEGHORNS

Carter

Sells Eggs at
\$3 Per
15

My Free Circular on Show Record and
Matings tells it all to you.

E. E. CARTER
Knoxville, Tenn.
Dept. I. H. 967 Broadway

Wilson's White Leghorns Layers - Breeders - Winners

Bellview Poultry Yards

S. M. Nuttall, manager, Harrods Creek, Ky., is showing some excellent Barred Rocks, and is making a reputation on "we both lose money, if you don't deal with me." This is his slogan of warfare, and it's going to be pretty hard to convince a lot of people that he is not right, if they see his birds.

How to Save Incubator Chicks

To those engaged in raising poultry there is no more important problem than how to increase the percentage of live chicks in incubator hatches. As farmers generally, as well as the special poultry breeders, are equally interested in solving this problem, upon which their profits largely depend, the work of Prof. W. R. Graham, of the Ontario Agricultural College, will be appreciated by them. This experimental work has been carried on for several years with the most careful attention to every phrase of the subject, and the result of the Professor's painstaking work has been to establish the fact that the percentage of live incubator chicks can be increased to that of the hen hatched chicks under ordinary conditions. The incubator hatched chicks generally die from white scours, a germ disease, and Professor Graham, in summarizing the results of his experiments, practically points out how to prevent the attacks of this scourge on the newly hatched chicks. The Professor says:

"For two years we have been making a study of how a hen hatches eggs, and have been trying to apply what we learned to artificial hatching. We have also been trying to find out the cause or causes of white diarrhoea in young chicks. We found that hens evaporate eggs less than most incubators, and further, that we got larger hatches where moisture was used in the incubators. We have failed to use sufficient moisture in incubators to drown the chicks or lessen the hatch. We have succeeded in hatching chickens that grow and live well by washing the machine with a ten per cent solution of Zenoleum before putting in the eggs, i. e., after the machine is heated to the required temperature, it is washed all over the inside, including egg tray and everything."

Zenoleum is made by Zenner Disinfectant Co., 62 Lafayette Ave., Detroit, Mich. Ask for their free book "chicken chat." See ad on our back cover page.

INGRAM'S

BARRED AND BUFF PLYMOUTH ROCKS

Have been carefully bred in the world's Best Blood lines for several years. Our strain is unsurpassed for egg production and for vigor and productiveness. We do not claim to have the best on earth, but we have birds scoring from 90 to 94 in our best pens. They are prize winners. Have won at Greenville, Charleston and Bristol, Tenn. Have nothing to offer in Stock except a few fine Cockerels, as this season's business has been good, but can supply you with eggs after December 15th.

\$3.00 Per 15; \$12.00 Per 100

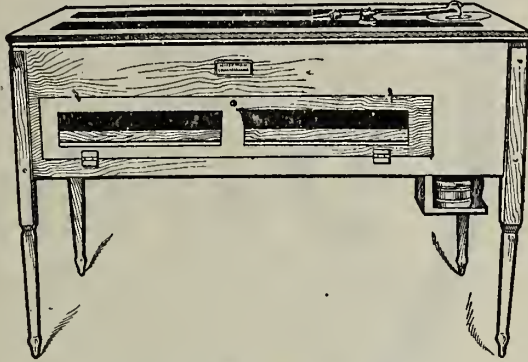
Write us for Mating List
It is a Pleasure to Answer you

H. B. INGRAM
GREENVILLE, S. C.

Mrs. S. D. Black, Farm Manager, Taylors, S. C.

DON'T PAY US ONE CENT

Until Our Incubators Prove Satisfactory



Built of best material and having new patented features they pay for themselves quickly, last longer and render better service than any other. Send at once for advance circular; also for illustrated and descriptive catalogue containing valuable information about Brooders, Coops, Feeders and other Poultry Supplies—they are free for the asking.

Hoffman Incubator & Mfg. Co.,

Dept. H, Rome, Ga.

"THE SOUTH'S ONLY POULTRY SUPPLY MANUFACTURERS"
OTTO SCHWILL & CO., Agents, Memphis, Tenn.

SPRING HILL LECHORNS SINGLE COMB PURE WHITE

Bred as business egg producers. True Leghorn shape and size. EGGS from prize winners, mated to produce birds that will win for you. \$2.00 per 15, \$10 per 100.

F. J. HEACOCK, ROUTE 2, SALEM, INDIANA

Secy. Washington County Poultry Association.

EGGS=====EGGS=====EGGS

I have no 1st or 2nd Yards, all as Good as the Best. If you fail to get Winners from Eggs bought of me; I will fail also, as I am using eggs from every yard for my own Hatching. Eggs assorted from all Yards, half Pullet and half Cockerel mated \$3.00 per 15. \$10.00 per 50. \$15.00 per 100. From any one or two Yards, half and half, \$5.00 per 15. Write for Folders telling all about the Famous Barred P. Rocks, they are FREE. Order from this "ad." I have only one price to all.

C. H. DOZIER, MARION, ALA.

GOLDEN WYANDOTTES

EXCLUSIVELY

If you are looking for beauty, see the Golden Wyandotte. If you are looking for beauty and quality, be sure and get my Golden Wyandottes. Every one that saw my birds at the Tennessee State Fair, 1908, or the December show at Nashville in 1908 says I have beauty and to spare and from the prizes I won, I have the quality. I won 2nd cock, 2nd pullet and 3rd pen at the State Fair in very hot competition. At the December show in Nashville, 1908, I won 2nd cock, 2nd cockerel, 3rd cockerel, 1st hen, 2nd pullet, 3rd pullet, 4th pullet, 5th pullet and 2nd pen and National Golden Wyandotte Special on best hen. I have three grand breeding pens, each containing prize winners and very high scoring birds. I am now booking eggs at \$2. a setting of 15. Satisfaction guaranteed.

G. A. HARRISON

STATION B,

NASHVILLE, TENNESSEE

MEMBER NATIONAL GOLDEN WYANDOTTE CLUB.

TROUSDALE STRAIN

S. C. RHODE ISLAND REDS

I won \$50 at Tampa for best and largest display and variety on my Reds; also seven silver cups, besides various other valuable prizes.

Isn't that enough for one season to convince any one that I have GOOD REDS

Correspondence solicited and satisfaction guaranteed.

MRS. L. T. TROUSDALE, Tampa, Florida.



Judge Clipp to the Coast Again

J. C. Clipp, Saitillo, Ind., associate editor of THE INDUSTRIOUS HEN, has a national reputation as an all round poultry judge. His work at a number of American's leading shows the past year gave universal satisfaction. He officiated two seasons at his home show, the secretary giving him a strong reputation, which bespeaks for the quality of his work. He will again go to the coast next year; his work there last season being of sufficient merit to call him back again. The superintendent in one of our leading poultry journals places him in the class with Theo Hewes, and many other old line judges. Mr. Clipp has several shows booked for 1909-10 and is prepared to make a few more dates for the last of January and February, '10. He will look after the interest of THE INDUSTRIOUS HEN, while making his circuit of shows. Friends will please arrange to meet Judge Clipp, at some of these shows. He will be pleased to see you.



WHITEWASHING
and disinfecting with the new
"Kant-Klog" Sprayer
gives twice the results with same
labor and fluid. Also for spraying
trees, vines, vegetables, etc.
Booklet free. Address
Rochester Spray Pump Co.
31 East Av., Rochester, N.Y.

YOUNG'S BARRED PLYMOUTH ROCKS

have stamped their superiority over others by winning in three of the best shows of South 1908.

Winning at Lebanon, Tenn., Jan. 1908: 1st cock, 1st, 2nd, 3rd, cockerel, 1st pen, 3rd hen.

Knoxville, Dec. 1908: 1st and 2nd cock, 3rd cockerel, 2nd pen.

Lebanon, Tenn., Dec. 1908: 1st and 3rd cks., 2nd cock, 4th pullet, 5th hen, 2nd pen "5 pens mated. Write for mating list."

Eggs from 1st and 2nd pen, \$3.00 per 15, \$5.00 per 30.

Eggs from 3rd, 4th and 5th pens, \$2.00 per 15, \$3.50 per 30, \$15.00 per 100.

ADDRESS

R. H. YOUNG

R. R. 1, LEBANON, TENN.

Are Your Chicks All Strong and Healthy?

WHEN chicks do not grow stronger day after day, it is a sure sign that there is something wrong with their feed. It may be that they are eating ravenously, but are unable to digest their feed and are consequently getting no benefit from it. Just at this season the chicks are in their most critical condition. Their stomachs are weak and unless they are properly fed, they soon become sickly, and are an easy prey to one or more of the common chick ailments, such as roup, gapes, chronic indigestion, bowel trouble, etc. Just a little care in selecting the right feed in the beginning, will save you considerable loss.

Darling's Chick Feed

Darling's Chick Feed is perfectly digestible and all nutrition. It is free from weed seeds, mill sweepings and trash—there is no waste.

Chicks get the full benefit of this pure feed and start to make strong, vigorous growth from the beginning. Darling's Chick Feed is only one of this old reliable line of poultry food.

Darling's Scratching Food, Forcing Food, Mica Crystal Grit, Beef Scraps, Laying Food and Oyster Shells—each carefully made for a definite use. Order from the nearest office and save freight. Complete catalog of poultry supplies, Free.

Send
For Our
Free
Catalog Today

DARLING & COMPANY

Box 41, Union Stock Yards, Chicago

Box 41, Long Island City,
New York

100-lb. Sack
\$2.50



SINGLE COMB RHODE ISLAND REDS

Laverty exhibition and utility strain. I got the best to start on and offer the best to you. At the Floyd County Poultry Show held Jan. 20-21, at Rome, Ga., I showed 3 pullets and won 1st, 2d and 3d prizes. Eggs from my No. 1 pen \$3.00 per setting of 15. Satisfactory hatch guaranteed. Write for my mating list.

R. L. LAVERTY, - - Scotia, Ala.

Eureka Strain Plymouth Rocks (Barred and White)

Pens scientifically mated. Trap-nested records carefully kept. No better quality can be secured for the price,—is our guarantee. Eggs from best pens \$3.00 per 15, or \$5.00 per 30. High quality utility, \$1.50 per 15, or \$6.00 per 100.

SANFORD McFERRIN, R. F. D. 5, Springfield, Tenn.

SINGLE COMB RHODE ISLAND REDS

Heavy winnings, season 1908-9. We won 28 prizes in four of the leading shows of the South: Ala. State Fair, Birmingham, Ala., Mobile Poultry Show, Mobile, Ala., Etowah Poultry Show, Gadsden, Ala., the great Southern Show, Houston, Texas. We are now selling eggs at a reduced price. Eggs from prize winners \$2.00 and \$3.00 per setting of 15 eggs. Not culls, but high bred poultry. Order your eggs today, and raise REDS that lay.

C. W. EADY, - GUNTERVILLE, ALABAMA

ORPINGTONS—WHITE and BUFF

Winners of the Blue wherever shown. Unexcelled Laying strain. Seven pens of Grand birds mated for egg trade. Satisfaction Guaranteed. Mating List for the asking.

WHITE HOLLAND TURKEYS. Eggs \$2.50 per 11

Dr. J. A. POSEY, - Frankfort, Kentucky

BELLVIEW POULTRY YARDS

BREEDS BARRED PLYMOUTH ROCKS EXCLUSIVELY

We both Lose Money if YOU don't trade with us

Our original Cockerel-bred strain from Bradley Bros., and Pullet-bred strain from Latham—the best money can buy. Look up our winnings at Blue Grass Fair., Ky. State Fair, Louisville and Indianapolis. Eggs \$2.00 per 15. Satisfaction guaranteed.

BELLVIEW POULTRY YARDS, Harrods Creek, Ky.

Awarded the Cup to Himself on a Technicality

The following statements are called forth by an official announcement in the March HEN from Secretary Rion of the Nashville show. We publish both in full:

"I was awarded Grand Silver Club Cup for 'Special Best Cockerel' at Southern Branch Club Show, Nashville, Tenn., Dec. 8th-12th, 1908, by the manager of the Greater Nashville Pet Stock & Poultry Association, and any publication or statement to the contrary is misleading and absolutely false.

W. W. NEWBERRY,
S. V. P. & So. Com. N. S. C. Buff
Orpington Club.

MR. RION'S REPLY:

"In the March number of THE INDUSTRIOUS HEN a statement was made above my signature as Secretary of the Greater Nashville Pet Stock & Poultry Association, announcing that the First Premium on Cockerel was awarded to Mrs. S. C. Bridgewater, of Dixon Springs, Tenn., in the S. C. Buff Orpington Class, and inferring that someone else had been advertising this winning without authority or consent of either the judges or management of this Association.

The Cockerel showed by Mrs. Bridgewater was much the superior of other birds in that class, according to the decision of the judges. Mr. W. W. Newberry of Mountain City, Tenn., was awarded Second Premium on Cockerel in this class.

According to the rules of this Association, Mrs. Bridgewater was clearly entitled to the "Special Cup" offered by the Natl. S. C. Buff Orp. Club, for the "Special Best Cockerel," but as the Vice-Pres., of the Sou. Div. of this Club was on the ground and as there seems to be a technical point in the laws of the Natl. S. C. Buff Orp. Club, requiring one to be a member five days previous to the opening dates of a show, and as Mrs. Bridgewater had been a member only four days, the matter was left to the decision of the Sou. Vice-Pres., and he awarded the cup to himself, as he had been a member for so much longer time, and afterwards the management of this Association noticed that this party was advertising in his Mating List not only Cup for best Cockerel but First Premium on Cockerel, Nashville, 1908.

The authoritative report of the winnings of this show, in the American Poultry Show Reporter, will show that Mrs. Bridgewater won First Premium on Cockerel and W. W. Newberry won Second Premium in the same class, but according to the laws of the Natl. Club Mrs. Bridgewater could not claim the Cup, so it was secured by Mr. Newberry.

FOUNT H. RION, Sec'y.

From the above it would seem that on account of a technicality in the rules of the National S. C. Buff Orpington Club, the decision was left to its Southern Vice-president, and he decided in favor of himself, although a lady exhibited a bird that the judges decided was superior to his. Alas for Southern Chivalry. Further remarks are unnecessary.—L.B.A.



S. C. White Minorcas
Eggs \$1.50 per 15

My birds won at Knoxville, 1, 2
3, 4 pul; 2 ckl; 4 pen.

Write Your Wants to

W. B. IRWIN
MARYVILLE, TENNESSEE

THE RED APPLE REAL ESTATE CO. WENATCHEE, WASH.

Will place you on the

Richest Irrigated Fruit Lands

That will pay the largest profits per capital
invested of any land on earth.

At the Lewis and Clark, and Portland Expositions, 1906, fruit from the Wenatchee Valley received 85 of the 85 gold medals awarded, besides 68 bronze and 20 silver medals.

At the Interstate Fair, Spokane, Wash., October, 1908, Wenatchee Valley received the two highest awards offered by the Interstate Fair.

COME AND SEE FOR YOURSELF.

We can show you the

Finest Homes on Earth

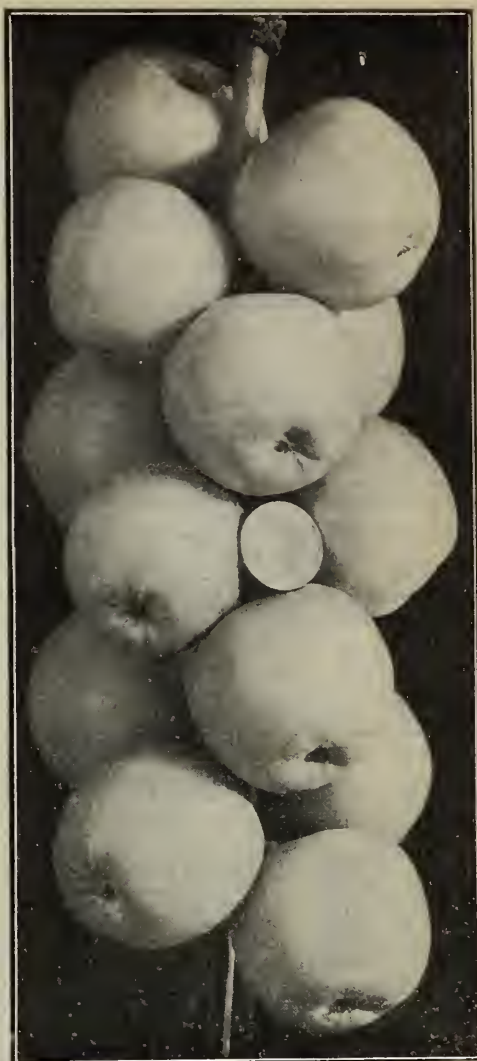
At the Lowest Possible Price.

References: Associate editor this paper, J. C. Clipp, of Saltillo, Ind.; First National Bank, Wenatchee, Wash.

Write for literature.

The Red Apple Real Estate Co.

A. J. LINVILLE, Mgr.
WENATCHEE, WASH.



Grown by Wm. Turner, Wenatchee, Wash. Variety, Winter Banana, 13 1-2 inches long. 13 Apples, weight, 8 1-4 lbs. Age of tree, 6 years old.

SINGLE COMB R. I. REDS HARD TO BEAT

Have correct shape and color; good, healthy stock from Famous Mid-West Winners. Can please you. Have a choice lot of cockerels for sale. Eggs \$4.00 per 15; \$7.00 per 30.

WILLIAMS BROTHERS, BRAYTON, TENN.

BOSWELL'S ACME WHITE WYANDOTTES

"THE QUALITY LAYERS."

They have won the blue for years in the chief shows of the United States. They have this year won grand sweepstakes in shows where Madison Square Garden winners were entered. No bird that I have sold for exhibition this season has failed to win a prize—and I have sold many. I have eight grand yards mated, from which to sell eggs for hatching. There are no better WHITE WYANDOTTES in the world—male or female—than the breeders contained in these yards. They are the result of fifteen years of close line-breeding and individual care.

THE ACME WHITE WYANDOTTES ARE BRED
FOR MERIT AND ARE SOLD ON HONOR.

JOHN W. BOSWELL, JR.,

Box 2006,

BECKWITH, TENN.

HOUDANS OF QUALITY

WINNERS at Boston, Chicago, Indianapolis, St. Louis, Kansas City and Nashville. My strain of Houdans is FAMOUS throughout the world as winter layers of large white eggs. Send for my 1909 Mating List. Thirty grand pens mated for exhibition and utility. Prices lower and quality better than ever.

DR. G. W. TAYLOR, BOX H, ORLEANS, INDIANA.

Barred Rock Eggs Reduced

The price only—not the quality—have been reduced from \$2 to \$1.50 per 15, by Clarence Young, Sweetwater, Tenn. Satisfaction guaranteed, or charge it to THE HEN.

Wenatchee, Wash., Show

Higher class birds than ever before seen in central Washington were shown at the fifth annual show by the Wenatchee Poultry Association at Wenatchee, west of Spokane, January 13 to 16. Most of the growers announced they will make exhibits at the Alaska-Yukon-Pacific exposition next summer. Elmer Cole, of Oregon City, Ore., was judge.



PHILADELPHIA
CHASE'S
Blood and Nerve Tablets
Richest of all Tonics
Cures Disease
By Building Up the System.
Price, 50c. Book free. Dr. Chase,
224 N. 10th St., Philadelphia, Pa.

THE CLIPPER
will cut tall grass, short grass and weeds, and do all the trimming along the fences, walks and drives.
If your dealers do not keep them, let us know, and we will send circulars and prices.
Clipper Lawn Mower
Co., Dixon Ill.

S. C. R. I. REDS
Lancaster, O.—1 ck, 1 hen, 1 pul, 1 ckl, 1 pen.
Marietta, O.—All firsts and club special for best color and shape.
Columbian Wyandottes
Marietta, all firsts; Athens, all firsts. Stock for sale. Eggs \$1.00 to \$2.50 per 15.
L. G. CARY, - Trimble, Ohio

(SINGLE COMB) WHITE
LEGHORN

Pen headed by Prince Satin, First Prize Cockerel at Bristol Show, also winner of special prize as whitest cockerel in show. Mated to 15 fine females. Eggs from this pen of exhibition birds \$2.50 per 15 (limited).

Some nice cockerels at farmer's prices.

W. S. MATHEWS, Big Stone Gap, Va.



These beautiful pullets were in the 1st pen at Augusta, Ga., Asheville, N. C., and Bristol, Tenn., shows. They not only made a show record, but have proven to be egg producers equaled by few. They have the proper shape and color. Bred and exhibited by Jno. F. Childress, the "White Leghorn Man," Sweetwater, Tenn.

Black Minorcas, Barred and White Plymouth Rocks
AS GOOD AS THE BEST

My birds have won over 150 prizes in the leading Southern Shows the past two seasons, winning the Blue at Nashville, Memphis, Birmingham, Atlanta, Augusta, Mobile, Asheville and Bristol this fall. Show birds and utility stock for sale. Special prices on cockerels if taken at once. I need the room. Eggs, \$2, \$3 and \$5 per Setting. Send for Pen Matings and Show Record.

C. H. LEDFERD, 33 Sells Ave., ATLANTA, GA.

Wilson's White Leghorns.

LAYERS—BREEDERS—WINNERS

EGGS \$2.00 PER 15.

STOCK FOR SALE

INCUBATOR EGGS \$10.00 PER 100.

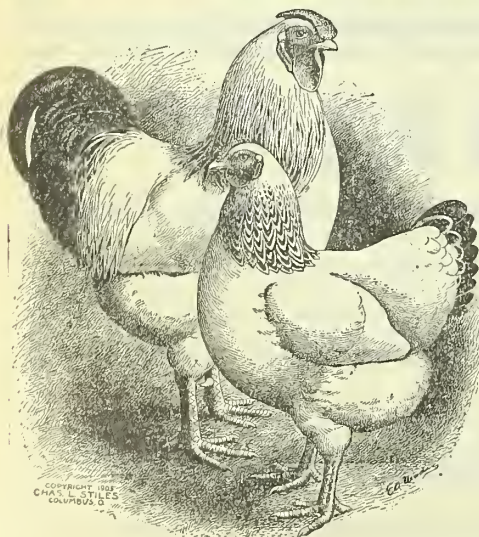
JAS. A. WILSON (S. C. W. Leghorn Specialist) Oliver Spgs., Tenn.

SATISFACTION GUARANTEED IN EVERY SALE

BUTLER'S
COLUMBIAN WYANDOTTES
ARE SURE WINNERS WHERE EVER SHOWN.

We have the best lot of old and young birds on our yards that we have ever had. If you want show birds or breeding stock, write us your wants.

JAMES M. BUTLER, COLUMBIAN SPECIALIST,
MURFREESBORO, TENN.



White and Columbian Wyandottes

R. S. Bollinger, Columbia, S. C., is an enthusiastic and progressive breeder of Wyandottes. His beautiful little catalogue shows some of his winners and it tells where they did it. Send and get it.

Poultry and Seed Corn Farm

Judge C. W. Zimmer has recently sold his entire flock of R. C. Reds to Gage Cutler, Carthage, Ill. They are breeding egg-laying strains of White, Barred and Buff Rocks, White and Columbian Wyandottes, Black Langshans, R. and S. C. Reds, Orpingtons and Leghorns, etc., fine breeds of turkeys, ducks, etc. Their White Rocks are headed by a \$1,000 cockerel, "Prince Wonderful," and the other breeds are not far behind. They claim many egg records from 225 to 293 eggs per year. Their bronze turkeys won this year at Madison Square and ducks at leading shows.

Buff Leghorn Club Catalogue

This club has just issued a neat, well printed and illustrated 64-page catalogue, telling all about their favorite breed, and nothing but the good and bad points about the Buff Leghorn can be found in this book. It is worth 25 cents to any person who is just beginning in the poultry business, but will be mailed free to any person addressing Geo. S. Barnes, Sec., Battle Creek, Mich. If you are looking for some good fowl to add to your yards, the studying of this catalogue will help you wonderfully. Buff Leghorns hatched in July will lay in December, and win prizes. What more is wanted of a breed of chickens?

Gentlemen:—I am pleased to say that The Industrious Hen has proven to be a very profitable advertising medium. I have used space in five other publications, and have no hesitancy in saying that The Industrious Hen has brought far the most inquiries and orders. I shall, of course, continue to advertise with you. FRED E. CARTER, Breeder S. C. Black Minorcas, Knoxville, Tenn.

ROBINSON
Breeds White and Barred
Rocks of the best Strains.
STOCK FOR SALE.
EGGS \$1.50 PER 15.

Address,
R. D. ROBINSON, White Hall, S. C.

LUMLEYS LANGSHANS
(BLACK AND WHITE)

S. C. R. I. Reds, S. C. W. Leghorns, Pekin and Indian Runner Ducks—Atlanta and Macon, Ga., (1908) Fairs 13 entries—8 1st, and 4 2nd premiums. Stock and eggs for sale at right prices.

W. E. LUMLEY, Wrightsville, Ga.

Buff Plymouth Rocks

Bred for Winter Eggs, size and color. 1,000 growing chicks. For sale, Cocks Hens, Cockerels, Pullets and Capons.

Two Pound Chicks, 50c Each
AND UP

A. H. KIRK, Herndon, Va.

Virginia Vice-Pres. Buff Rock Club.
Sec'y Herndon Poultry Show.

WHITE PLYMOUTH ROCKS

OF QUALITY

I have mated up my yards for 1909 with winners in the hottest competition. They are fine in every respect and will produce exhibition specimens.

EGGS \$2.00 PER 15 \$5.00 PER 45 FERTILITY GUARANTEED

ROBERT L. JAMES, R. R. No. 5, Lexington, Ky.

"They are Bred in the Blue Grass Region."

**CHOICE
ORPINGTON
EGGS**

I HAVE a flock of one hundred extra select, Buff and Black Orpingtons—direct descendants of the first prize birds of such shows as New York, Boston, Chicago, Cleveland and other (smaller) shows. They are birds of High

Quality and are properly mated for best results. I will furnish fertile fresh eggs for hatching at \$2.00 per 15, and guarantee a satisfactory hatch. Baby Chicks 25c each—guarantee safe delivery.

FRANK S. PATTON, (Member National S. C. Buff Orpington Club) JONESBORO, TENN.

McINNES' BUFF ROCKS

Charleston, S. C., Dec., 1908.—Our winnings were First Pen. Special ribbon for best shape male. Missing best display by two points only.

Greenville, S. C., Jan., 1909—Annual Buff Rock Club Show. Won American Championship Cup for Best Cock, Hen, Cockerel and Pullet, also both State Cups. Defeating MADISON SQUARE GARDEN WINNERS.

Rock Hill, S. C., Jan., 1909—Same week as Greenville Show. Eleven birds shown, won first Cockerel, first, second, third and fourth Hen, first and second Pullet, first Pen and best display.

Their record stands alone and unequalled. Eggs from the Grand Champion Cup Winners \$5.00 for 15. From second yard \$2.00 for 15.

G. F., and B. K. McINNES, Charleston, S. C.



"BLUETTA II," Tie 1st Pullet Indianapolis. From life

**HUFFMAN'S
"BLUETTE"
Barred Ply. Rocks**

Birds of my breeding have won high honors both in my own and my customers' hands in the largest shows East and West. For the past five years they have

Won at Indianapolis

some of the leading prizes. This, with their past record at such places as St. Louis World's Fair, Pittsburg, Chicago and the big Indiana State Fair, will prove to you their quality. My yards are now mated and contain the cream of my efforts in producing a strain of birds that have but few equals. Eggs from choicest matings, \$4.00 per setting. Handsome illustrated catalogue of the "Bluettes" free. Address

ALBERT D. HUFFMAN

BOX 73

WANAMAKER, IND.

S. C. BUFF LEGHORNS, M. B. Turkeys, Embden Geese, Rouen Ducks and Pearl Guineas

My foundation stock was procured, regardless of cost, from such breeders as McClave, Wyckoff and Beuerlein and they have carried away the lion's share of the honors for me in the hands of my customers, at every show in which they have been entered in the past 5 years. Their superiority over other strains has been clearly demonstrated and I can say without hesitation, that my present matings, which include all of my 1908-09 prize winners, are made up of the best blood lines in America. Prices most reasonable, quality considered.

P. M. BROWN, - - - ST. MATTHEWS, KENTUCKY

American Columbian Ply. Rock Club

Recently elected officers as follows: D. M. Green, Pres., P. M. Clemans, V. P., E. B. Andrews, Sec'y-Treas., 9 W. 17th St. New York.

Not Taffy, but Money

"THE HEN gets results for me. I do not usually deal out taffy, but I have gotten my money's worth so far from THE HEN.—C. T. Fallin, Greenville, N. C.

An Unpleasant Experience

Howard, four years of age, bit his lip for the first time and he ran to his mother, crying, "O, mother, my top teeth stepped on my face!"—The April DELINEATOR.

Judge Jones at Tampa

Judge R. E. Jones, of Nashville, placed the ribbons at the Tampa, Fla., State Fair Poultry show last month. His name was unintentionally omitted from the report.

The Silver Penciled Wyandotte

Breeders are organized and propose to join the A. P. A. E. S. Carver is president, 1825 W. Main St., Ft. Wayne, Ind., and James S. Watson, Secretary, Grand Rapids, Mich.

Private—Don't Read This

| | Regular Price. |
|---------------------------------------|----------------|
| Industrious Hen | \$.50 |
| Rural Weekly, St. Paul, Minn. | .25 |
| Carrier and Patron, Atlanta, Ga. | .25 |
| American Farmer, Indianapolis | .40 |
| Rural Georgian, Gainesville, Ga. | .25 |
| | \$1.65 |
| All of the above one year for 75c. | |

Dillon & Bell

In Southern Ohio, where they are best known, Dillon & Bell's birds are known for quality and the members of the firm for honesty. Mr. Dillon accompanies his birds to the shows and looks after them. He is popular, on the square, and has birds that have won in the best company at Cincinnati, Columbus, Springfield, Washington, O., Pittsburg, Indianapolis, and wherever shown. Their mating list of Golden, White and Columbian Wyandottes, R. C. & S. C. R. I. Reds and Buff Orpingtons is free for a card to Dillon & Bell, 4111 Colerain Ave., Cincinnati, O.

COLUMBIAN WYANDOTTES

OF QUALITY. The most beautiful and popular of Wyandottes. Winners at Akron 1st, 2nd, 3rd ckl; 1st, 2nd pul; 1st, 2nd hen. Eggs \$2.00 and \$3.00 per 15.

C. L. PATTERSON, AKRON, OHIO

FISHEL STRAIN**W. P. ROCKS AND PEKIN DUCKS**

Winners in American leading shows. White Rocks with long body, grand in style, large and snow white. Choice scored Cockerels \$2.00 and up. Eggs from select winners by the setting or hundred. Pekin Ducks, large with long body, great layers, fine specimens at real bargains. Allen Chastain, Box H. 59. Saltillo, Ind.

Crown Bone Cutter

FEED your hens cut green bone and get more eggs. With a Crown Bone Cutter you can cut up all scrap bones easily and quickly, and without any trouble, and have cut bone fresh every day for your poultry. Send at once for free catalogue. WILSON BROS., Box 646, Easton, Pa.

Best Made Lowest in Price



Don't Let Your Chicks Drown, but Use

MASON CHICK SERVER and FOUNTAIN

Works automatically. A Life-Saver to anyone interested in the raising of Chickens. Any Mason Jar will fit. Prices: Each 25c. Postpaid: Six, \$1.25 Postpaid.

Tomlinson-Lanphere Co., Detroit, Mich.

R. C. Rhode Island Reds and Emden Geese

"The Reds That Lay." Write us,

A. L. STEPP & SON

R. D. 1, Box 27, TRACY CITY, TENN.

S. C. BUFF LEGHORNS

Eggs \$2.00 for 15, \$3.50 for 30, \$8.00 for 100.

ROBT. P. ADAMS

R. F. D. No. 1, Lynchburg, Va.

**Eggs that Produce**

Winners is what you want and what you will get if you buy from me. I have the best matings in White Plymouth Rocks this year I ever owned. Correctly bred from high class individuals. Original stock direct from Fishel. Eggs from exhibition matings \$3.00 per 15. From utility matings \$2.00 per 15, \$5.00 per 45, \$10 per 100.

Send for Mating List.

PLUMMER McCULLOUGH

Box A, MERCER, PA.

Business White Wyandottes

Trap nests used. Every pen headed by a male hatched from an egg laid by a hen that laid not less than 200 eggs that year.

Business Light Brahmas

Same quality
Stock for sale. Eggs in season.
Circulars free.

MICHAEL K. BOYER Hammonton, N. J.

BLACK ORPINGTONS

FIRST PRIZE WINNERS

At Nashville, Birmingham, Bowling Green and all the leading Southern Shows.

EGGS FROM \$3 TO \$10 PER 15

Birds sent on approval and Every transaction guaranteed. Send for mating list.

PARK POULTRY PENS, MISS ALICE PELTON, Mgr., 2209 14th Ave. N. Nashville, Tenn.

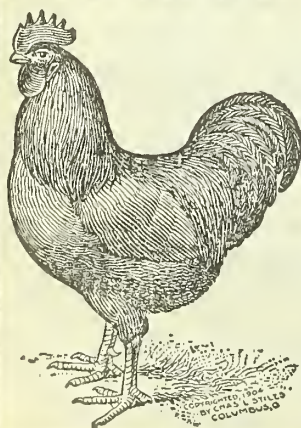
POULTRY PRINTING

HAVE YOU ANY STOCK OR EGGS FOR SALE?

If so, we want your name.

Our Prices are Right, Our Quality the Best.—We have the finest line of poultry cuts in America, representing all varieties. Proof of these, with full line of samples, will be mailed free upon request. We print everything for the poultryman.

POULTRY POST, COSHEN, INDIANA.

HIGH GRADE S. C. R. I. REDS

My Reds are of the largest and most vigorous type. My hardest cuts in the show room have been on account of overweight. As layers of brown eggs, I would not fear a contest with any strain. At the third annual show, held in Knoxville, my Reds won 2nd and 3rd cockerels; 3rd pullet (tie) and 2nd pen, and three out of four of the badges offered by the R. I. Red Club, of America—best shaped male, best shaped female, and best colored female—one hundred and seventy-five Reds in show. At the Virginia-Tennessee show, held at Bristol, December, 1907, my Reds won 1st and 4th cockerels; 2nd and 4th pullets; 1st pen, and three of the Club badges—best colored male, best colored female, and best shaped female—one hundred Reds in show. At the 4th annual show, held at Knoxville, Tenn., my Reds won 2nd cockerel, 2nd pullet, 2nd pen, 3rd hen, and 4th pullet. At the 4th annual Virginia-Tennessee show, held at Bristol, my Reds won 2nd hen, 2nd pen, 4th cock and 4th cockerel. I have mated 5 pens for the season 1909. Pen No. 1, consists of 10 extra fine exhibition pullets, mated to the cock that as cockerel, won 1st at Bristol.

Pen No. 2, consists of 10 fine exhibition pullets, mated to the cock that won 3rd at Knoxville as cockerel.

Pen No. 3, consists of 8 of my best exhibition hens, mated to 2nd cockerel, at Knoxville.

Pen No. 4, consists of 8 good hens, mated to my 4th cockerel at Bristol.

Pen No. 5, consists of 25 utility pullets and 2 high class cockerels, having free range.

Eggs taken from pens No. 1, 2, 3 and 4 are \$2.00 per 15; taken from any particular pen, \$3.00 per 15.

Eggs from pen No. 5, are \$1.25 per 15. Eggs by the hundred—a matter of correspondence. Stock for sale.

\$1.00 and up. Give me a trial—I can please you.

SAM M. COOPER, FOUNTAIN CITY, TENN.

Loraine County, O., Poultry Show

Will be held at Loraine Jan. 5 to 8, 1910.
Ira Keller and Phil Feil, judges; L. A. Adams
pres., A. J. Landon, Secy.

Louisville, Ky., Show

Dec. 6 to 12, 1908. E. W. Hohe, pres.,
Wm. C. Cowthron, vice-pres., S. M. Nuttall,
secy., Box 2360, Louisville, Harry Hoffman,
Treas.

Moved from Gadsden to Scotia

R. L. Laverty, a popular Rhode Island Red
breeder of Alabama, has bought a 25 acre
farm near Scotia and moved his Reds where
he will have more room.

Shaner's Annual Egg Circular

Tells about Judge Shaner's Barred Rocks.
We believe if there is a competent Rock
man in the United States it's Judge A. B.
Shaner, of Lanark, Ill. His circular gives
both Cockrel and Pullet matings and we will
absolutely guarantee any sale or statement
that he makes. Send for his circular and learn
something new about Barred Rocks.

Executive Committee A. P. A.

Another Southern gentleman is being urged
to run for a place on the Executive Board
of the A. P. A. The well known Buff Rock
Breeder, C. W. Fowler, Smyrna, Ga., presi-
dent of the American Buff Rock Club, is a
young man, active, enthusiastic, energetic and
progressive. THE HEN will vouch for Fowler
if he should be elected.

A Notable Record

Peculiar interest attaches to Mr. Frank A.
Perret's record of "The Messina Earthquake,"
in the April Century, since the American
volcanologist had predicted disaster on Etna
for two years past, and definitely declared
that Sicily would suffer grave seismic distur-
bance during December. In anticipation of just
such disaster as occurred, Mr. Perret hastened
abroad, reaching Genoa three days before the
earthquake came.

Knoxville's Poultry Show Judges

The Executive Committee of the East Ten-
nessee Poultry Association elected in January
D. M. Owen as one of the judges for the
next show, and recently have elected H. W.
Blanks, of Columbia, La. Both these gentle-
men are well and favorably known in Ten-
nessee and will no doubt give perfect sat-
isfaction. A large number of entries is ex-
pected from several states, and already breeders
are thinking of the Great Knoxville Show,
January, 6 to 9, 1910.

**S. C. WHITE LECHORNS
EGGS \$2.00 PER 15**

JOHN C. CRAWFORD, MARYVILLE, TENN.

PARTRIDGE COCHINS

blue ribbon winners bred to lay; and do lay.
Won 7 prizes on six entries Lebanon, Jan.
1908. Won 15 prizes on 15 entries Lebanon,
Dec. 1908. Eggs from first pen, \$2.00 per 15.
Second pen, \$1.50 per 15.

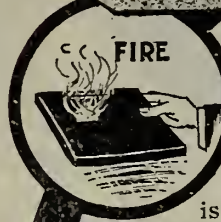
THOMAS OWEN, R. R. 1, Box 21, LEBANON, TENN.

**THE FISHEL STRAIN OF
WHITE ROCKS**

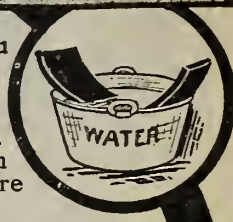
\$5 Per 15 Eggs

MRS. D. H. TURNER, NORMAL, ALA.

How To Test Any Roofing



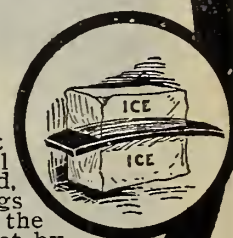
Don't pay out good money for roofing until you
first test the roofing you're going to buy. This
applies to Vulcanite as well as to all other roof-
ings. We want you to test it against heat, fire,
cold, acid, water and anything else you like.
Bend it—twist it—try to tear it. Compare it with
any other. You will know absolutely then, there
is none as good as Vulcanite.



Has Stood the Tests
for 60 Yrs.



Best by
Any Test

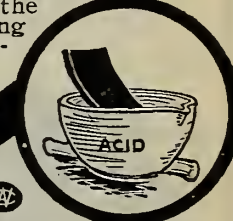


is coated with a mineral product that does not
freeze nor crack in winter, nor crumble and peel
off in dry weather; it is absolutely water, wind,
acid, weather and fireproof. For farm buildings
and outhouses **Vulcanite Roofing** is the favorite of the
farmer who figures cost by years of service and not by
the first cost. Any handy man can lay Vulcanite Roofing. Caps and
Cement come with every roll—so all you need is a hammer. Once
on, Vulcanite stays on for good.

It will pay you to learn more about Vulcanite—the roof-
ing with 60 years' experience in every roll. A postal will
bring you a sample with which you can make the
tests—also our free book which gives interesting
facts about roofing. Write today. Sold by deal-
ers. If yours can't supply you write us.

PATENT VULCANITE ROOFING CO.,

Dept. 83, 626-659 S. Campbell Ave.,
CHICAGO, ILL.



BIRMINGHAM SUPPLY CO., BIRMINGHAM ALA., AND ATLANTA, GA.

WYANDOTTES, R. I. REDS, ORPINGTONS

THE DILLON & BELL STRAIN OF WYANDOTTES

(Columbian, Golden and White) Rhode Island Reds, (Single and Rose Comb) and Single
Comb Buff Orpingtons. Winners at 1909 Shows at Cincinnati, O., Anderson and Indiana-
polis, Ind. Stock and Eggs for Sale at right prices. Write for Mating list and Win-
nings in detail.

DILLON & BELL, 411 COLERAIN AVE., CINCINNATI, OHIO

RHODE ISLAND REDS ROSE AND SINGLE COMB

Largest Exclusive Breeders of Reds in the South.

All birds standard bred, correct color, and shape. None but the best allowed to live.
Eggs for hatching a specialty. List of winnings, with matings for 1908 free. Satis-
faction guaranteed. Eggs from Prize Pens, \$2.00 per 15. Special prize matings \$3.00
per 15.

WEST DURHAM POULTRY FARM,

WEST DURHAM, N. C.



PRICE REDUCED TO \$1.50 PER 15

I have decided to reduce the price from \$2.00 to \$1.50
per 15 eggs for **BALANCE OF THIS SEASON**. Now is the
time to get eggs from "Quality" Barred Rocks at very
low prices. Order from this ad.

SATISFACTION GUARANTEED.

WRITE YOUR WANTS

CLARENCE YOUNG,

SWEETWATER, TENNESSEE



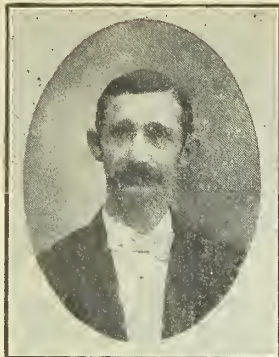
CHAMBERLAIN'S PERFECT CHICK FEED

Hen Feed, Mash
Egg Feed, Charcoal
and Meat Scraps.

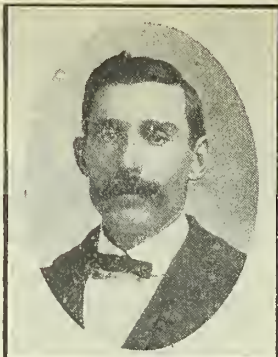
Ever Green Clover Meal,
Granulated Bone, Alfalfa
Meal and Pigeon Feed.

The Standard Poultry Supplies of the World. The ONLY Original Dry Chick Feed.
Sold Everywhere. Please write for prices and name of nearest Agent.
W. F. Chamberlain Feed Co., 312-14 & 16 North Commercial street, St. Louis, Mo.

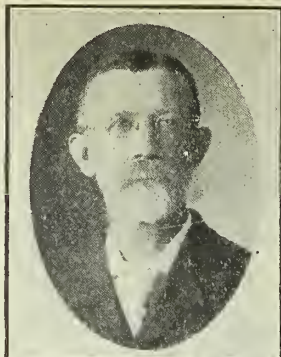




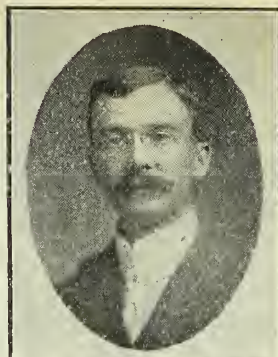
A.C. Hawkins, Lancaster, Mass.



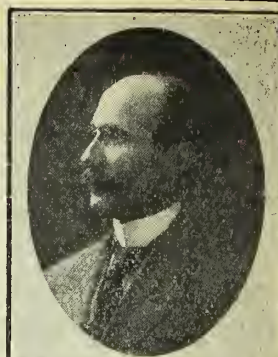
U. R. Fishel, Hope, Ind.



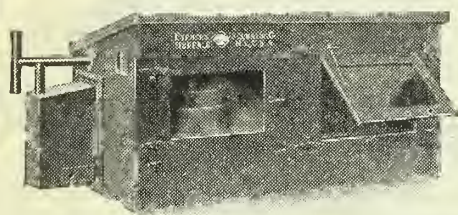
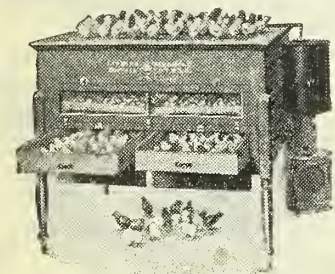
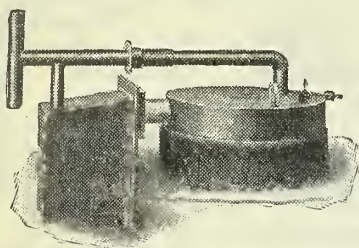
Wm. McNeil, London, Ont.



A.G. Duston, S. Fram'ghm, Mass.



E.B. Thompson, Amenia, N.Y.



This Answers Your Question

WHICH INCUBATOR OR BROODER SHALL I BUY?

The gentlemen whose photographs appear above are well-known Fanciers. Over fifty pages of our Big Catalogue are taken up by photographs and letters from successful fanciers who tell how their success is owing to the use of "The World's Best Hatchers." When you realize that the leaders in poultry keeping all use

Cyphers Fire-Proofed, Insurable Incubators and Brooders

do you not also realize that they have good reasons? They know that to become successful they must use the best equipment; lose no hatches; lose no time; take no chances. **Cyphers Incubators are Used by More Government Experiment Stations; by More Large, Practical Poultry Plants; by More Leading Fanciers and Exhibitors; by More Large, Successful Duck Farms Than All Other Makes Combined.** They bear the Insurance Label affixed under authority of the National Board of Fire Underwriters.

MANY A CHICK DIES after having been well hatched because they are put into cheaply constructed Brooders—poorly ventilated (not enough air, or too much draft), poorly regulated (not enough heat, or stifling hot), poorly lighted (insufficient or too much glass). Simple matters; but by the **combination of perfection in each Cyphers Superior Line of Brooders is produced.**

IF YOU WANT A LOW-PRICED BROODER get one of our Adaptable Brooding Hovers. It consists of heater, hover, lamp, thermometer and everything necessary except the box. You can box it in yourself, or use the hover in a poultry house, barn or chicken coop. Even a piano box will do.

Write for our Big, Free, 212-page illustrated Catalogue with chapters on Feeding Chickens, Laying Records, Incubating, Brooding, etc.; New Rules of the Insurance Companies; photographs of good Farm Fowls and Prize Winners; over 70 Poultry Plants and Experiment Stations; over 50 Photographs of Leading Breeders, Electric Hatchers and Brooders, and Mammoth Incubators holding 40,000 eggs. **FREE if you mention this paper.** Address Nearest Office.

CYPHERS INCUBATOR COMPANY, BUFFALO, N. Y.

BRANCH HOUSES: 23 Barclay St., NEW YORK CITY; 26-30 Union St., BOSTON, MASS.; 72 Lake St., CHICAGO, ILL.; 2325 Broadway, KANSAS CITY, MO.; and 1569 Broadway, OAKLAND, CAL.

High Grade Catalogue

The Recorder press has just completed the 1909 issue of DeGraff's book on Reds, which far surpasses anything that has ever been turned out of its kind, and can easily be pronounced the highest grade poultry catalogue ever published in the world. Some of the art work is entirely new and the first ever made by this process. It is a book of 40 pages, 9 by 12, with elaborate cover showing a large Rhode Island Red cock in true colors embossed in an oval, standing out bold from the dark green cover with large embossed letters in white, making a most artistic effect, all of which is protected by a cover of embossed Japanese paper of spider web design.

The inside cover shows a pen of fowls with the DeGraff poultry farm in the background, all in true colors, and is also a very effective picture.

The loose insert which goes with each book is the first picture of fowls ever taken by the direct photography process, and being printed in four colors and tint border, makes an artistic picture, as fine as any printers on earth can possibly produce. In order to make this picture three extra fine specimens of the Rose Comb Red breed were killed and mounted so as to be immovable when each color was photographed.

There is a four page insert also in tint on Japan India tint paper, showing four full page cuts of extra fine quality, which together with three other pages printed in colors, makes the book an extra fine sample of the leading processes of color work of the day. Besides this nearly a hundred fine pictures from life illustrate the 32 pages of reading matter, which is full of practical information and the real merit of the book is the convincing offhand style in which it is written, as it shows beyond a doubt the author knows what he is talking about.

Mr. DeGraff's book is the acknowledged authority on all subjects pertaining to Reds, which are the most popular fowls of the day, and the issue of 6,000 copies will not last the year out from the present rate of sales at 25c a copy, still every purchaser will get

double his money's worth and to show it is really appreciated by the fanciers. Mr. DeGraff says he has sold 2,000 copies before it is ready to mail.

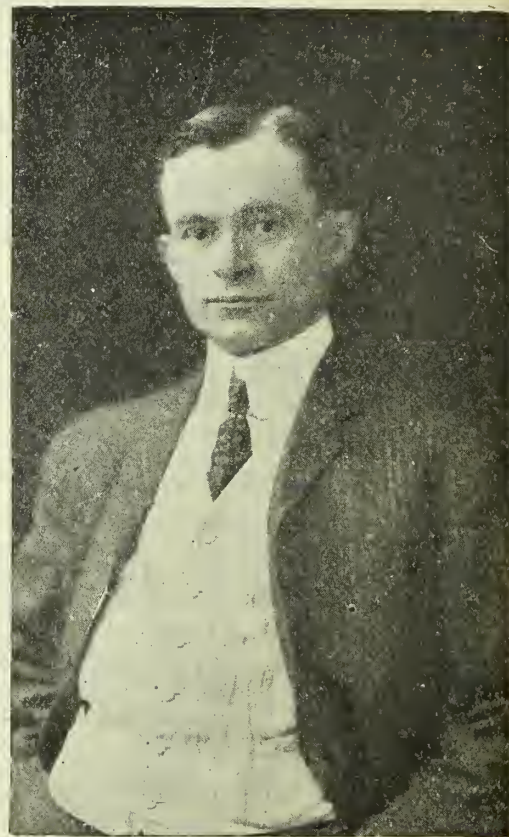
It is no small stunt to get to be a top notcher of the whole world on any subject, and when it is considered that the poultry raising is foremost among Uncle Sam's industry and the Rhode Island Red fowls are the most popular of the day, when it is realized the number of people that have to be outdone in order for Mr. DeGraff to be acknowledged authority on this breed. To show that the amount of business possible to do in standard breed poultry is practically unlimited, last Thursday he shipped eggs for hatching to England, Ireland, Scotland, Mexico, Canada and the Hawaiian Islands, and received a duplicate order for eggs to go to Alaska. Mr. DeGraff has orders on file now for stock to go to Montevideo, Uruguay, Alaska, Bahama Islands and the West Indies, while day old chicks are being shipped to nearly any point within 2,000 miles of here with good results. As he has received pay for catalogues from every civilized country of the globe, including Japan, India, the Philippines and South Africa, the name of Amsterdam will receive world-wide advertising.

Suffered An Accident

Friends of Oscar E. Miles, Columbus, O., will regret that he has been confined to his room since Jan. 14, as the result of a broken limb. We are glad that he is improving. His heart is on his birds, even in affliction. In a recent letter he says: "I shipped 26 birds to the great Pittsburgh show last month, and 19 of them were winners—5 firsts, 2 thirds, 3 fourths, 1 fifth, and first and fourth pens. See Mr. Miles' ad elsewhere in this issue."

SINGLE COMB BROWN LEGHORN FARM

Beautiful strain of prize winning stock mated by best judge in the South. Eggs \$2 per setting; incubator eggs, \$5 per 100. C. G. Guffey, Athens, Tenn.



George H. Lee, president of the George H. Lee Co., Omaha, Neb.

Help to Locate Him

Frank A. Goodlin, a low, heavy set, blue-eyed, light complexioned man, about forty years old, is somewhere in the South soliciting subscriptions for THE HEN. We will pay \$20 for information leading to his arrest. Wire us THE INDUSTRIOUS HEN, Knoxville, Tenn.



Brooder Houses on the poultry farm of Geo. H. Lee, Omaha, Neb., who breeds principally White Leghorns.

Licensed A. P. A. Poultry Judges

Name and address will be printed under this head one year for \$2.

F. J. Schocke, R. 5, Salem, Ind.
J. C. Clipp, Saltillo, Ind.
S. T. Campbell, Mansfield, O.
T. L. Bayne, Knoxville, Tenn.
S. B. Johnston, Fairland, Ind.

Columbian Wyandotte Winnings

At the recent Charlotte, N. C. show P. L. Hennessy, Shelby, N. C., on Columbian Wyandottes won as follows: 1 ck, 1, 4 hen, 2 pul. Nat. Col. Wyd. Club Ribbons for best cock and hen, and also color specials for cock and hen. At the Monroe, N. C., show, he also won as follows: 1, 2, 3, 4 hen, 1 pul, 4 ckl. These winnings indicate good birds and admirers of the Columbian should take notice.

The Beautiful Buttercups

This new breed that attracted so much attention a few months ago is coming rapidly to the front. They are not only popular, but are proving great layers, and the reports are that they are hatching well. This is no doubt the opportune time for those who would like to become prominent in this line to obtain a start of this breed. There is only one place to buy them, and then in limited numbers, either eggs or stock, and that is from the original importer, J. S. Dumaresque, Easton, Md. THE HEN guarantees any transaction or sale made, and recommends this breed.

BARRED ROCKS EXCLUSIVELY LARGE SIZE, VIGOROUS STOCK; FARM RAISED.

Eggs \$1.50 for 15; \$2.50 for 30; \$3.50 for 45.

M. L. DAMERON, Route 1, NATCHEZ, MISS

"SOUTHERN" STRAIN S. C. RHODE ISLAND REDS

Strictly Fancy and Utility

Eggs \$1.00 and \$2.00 per 15. Shipped immediately under guarantee.

THOS. E. McLEAN & SONS,
987 Luttrell St., KNOXVILLE, TENN.

WE WILL PAY \$1.00 IN CASH

For any case of

GAPES in little chicks

CHOLERA, CHICKEN POX

SORE HEAD, ROUP

CANKER, or SCALY LEG

That we can't cure with

SMITH'S POULTRY REMEDIES.

We raise thousands of pure bred birds every season and never lose one from disease.

For full information and prices address

SMITH BROTHERS, Haley, Tenn.



A Cure for Leaky Roofs

DON'T waste time trying to patch a leaky roof! A roof which leaks in one place is generally on the verge of leaking in many other places.

The cheapest method of repair is to cover the whole roof with Amatite. Amatite costs so little that the entire job can frequently be done for the expense of caring for a leaky roof. After the old roof is covered with Amatite you will have no further worry or expense.

Most ready roofings require a coat of paint every two years to keep them in order. But Amatite is not the ordinary kind of Ready Roofing. Amatite has a real mineral surface, firmly imbedded in the Coal Tar Pitch waterproofing. This surface resists the attacks of the elements like a stone wall. It demands no ad-

ditional protection or covering, such as a coat of paint.

Buying Amatite is the same as buying an ordinary ready roofing with an agreement from the dealer to keep it painted free of charge. Such an agreement on the ordinary roofing would double its value. You practically get such an agreement with every roll of Amatite; yet the price is no greater than that of the ordinary kind.

Send us your name and address, and we will forward you by return mail a free sample of Amatite, and you can see how tough, durable and substantial it is. Write to-day to nearest office.

BARRETT MANUFACTURING CO.
New York, Chicago, Philadelphia, Boston, Cincinnati, Minneapolis, Cleveland, St. Louis, Pittsburgh, New Orleans, Kansas City.

SINGLE COMB RHODE ISLAND REDS BUFF WYANDOTTES

Eggs for hatching after January 15, \$2 and \$3 per 15. Incubator eggs \$5.00 per 100.

DR. E. S. LANDESS, FAYETTEVILLE, TENN.

MARTIN'S QUALITY BREEDS

We breed the best blood lines known of WHITE AND COLUMBIAN WYANDOTTES, BLUE ANDALUSIANS, BUFF ORPINGTONS and RHODE ISLAND REDS. Our strains are unexcelled in vigor and egg production. Our records at State Fairs and Big shows will convince you of the superiority of our stock. Write us before buying elsewhere.

MARTIN POULTRY FARM, Route No. 5, NASHVILLE, TENNESSEE

WALKER'S Barred Rocks and White Wyandottes

Win wherever shown. Winning first honors at Knoxville, Sweetwater and Madisonville, Tenn.

Our birds are farm-raised. Send us your order and start right

—STOCK AND EGGS FOR SALE.—

WALKER BROS., R. 1, Madisonville, Tenn.

The Black Orpington Club

Catalog is just published and is in the hands of all members. Milton W. Brown, Sta. L., Cincinnati, O., is Secretary.

S. C. White Minorcas

There are few White Minorcas bred, but if you want to learn of some of America's best, ask Harry C. Meisbach, Melrose Park, Ill., for his mating list.

National Black Langshan Club

Of America has issued its annual report, and says the future looks good. The official report is interesting, but too long for publication. The president is J. M. Moore; vice, Oscar W. Payne; Sec'y-treas., M. S. Barker, Thorntown, Ind.

Has Withdrawn from the Race

A letter from Judge W. S. Russell, who received 137 votes for secretary-treasurer of the A. P. A., says that he is not a candidate for the office and would not accept same if elected. This practically elects Judge Campbell.

Catalogue of Wyandottes

Wm. F. Fotherall, Oakland, Pa., whom our readers remember as writing up Madison Square show last month, has issued his annual catalogue. In it Mr. Fotherall shows illustrations of all the Wyandottes except White, and judging from their pictures are beautiful to behold. His birds have won first wherever shown and produce prize winners.

THE BUSINESS BREED

Single Comb Brown Leghorns. We have combined up to date business methods with the true fanciers' art and produced fowls that have won prizes in every contest in which they have been entered, and are offering eggs from either breed at \$2.50 per 15, express paid. The Fanciers Breed Single Comb Rhode Island Reds.

MILTON DOSS, Manager, Pioneer Poultry Yards
DOSS BROS, Proprietors, Kimberly, Ala.

EGGS FOR HATCHING AND STOCK IN SEASON

From Prize Winners. Eggs \$1.50 and \$1.00. S. C. Mottled Anconas, Rhode Island Reds, Barred Rocks, Brown Leghorns, Toulouse Goose Eggs, 30 cts. each.

L. M. BARRETT, Morristown, Tenn.

EGGS ROSE COMB R. I. RED EGGS

At Empire Poultry Association Show, 1908, (largest show on Long Island). I won 1st cock, 1st pullet, 2nd pullet, 5th cockerel, 1st pen, color and shape specials on five entries.

Eggs from this stock \$3.00 per 15.

A. E. PICKARD, ROSLYN, N. Y.

24 LEGBANDS FREE

MAKE YOUR HENS PAY

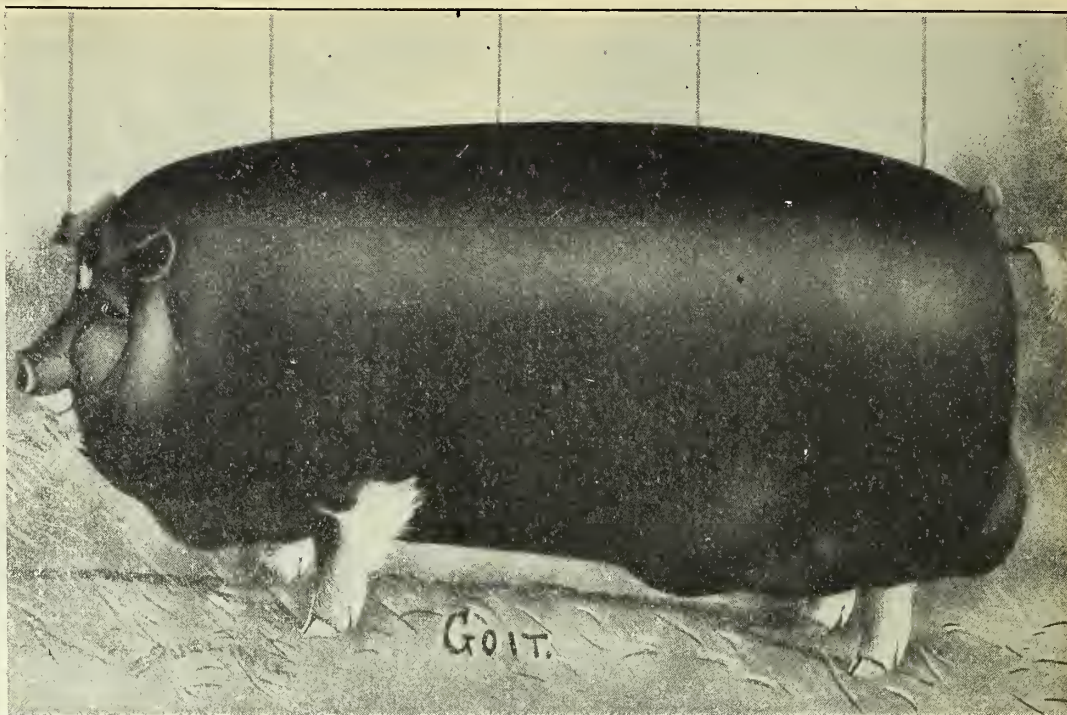
We send free 24 of the best Leg Bands made to every new and

25

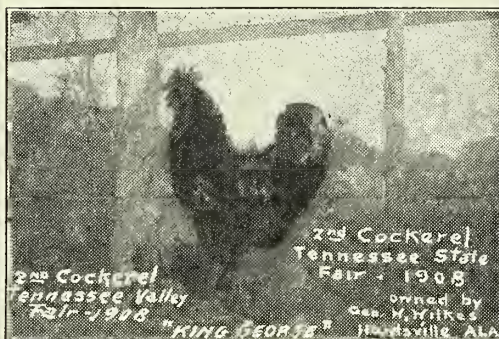
PAT. APPLIED FOR

renewing subscriber to THE INDUSTRIOUS HEN at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c. for his subscription, we will send a dozen Leg Bands to each. Enclose money order or stamps to

The Industrious Hen Co.,
KNOXVILLE, TENN.



Poland China hog, owned by Walter G. Ayer, R. 2, Chrisney, Ind., who is also a breeder of M. B. Turkeys and Barred Plymouth Rocks.



GEO. W. WILKES,

S. C. Rhode Island Reds

"King George" was sired by Flying Cloud, fifth Cockerel at Jamestown and first at the Greater Nashville Poultry Show, 1907. He is brother to first Cockerel at recent Nashville, Tenn. Winter Show. "Red Pet" first pullet at Tennessee Valley Fair 1908, and "Lady Frances" were sired by Red Fox, second Cockerel at Tenn. State Fair, 1907. "Lady Lansden" and "Rose Bud" were sired by Flying Cloud. Lady Langford and "Red Riding Hood" are daughters of Advance III, 1st Cockerel at Madison Square Garden, New York, first at Great Jamestown Show, 1907, first at Fort Worth, Texas and Tenn. State Fair, 1907. Send for mating list. Young stock for sale after July 1

Huntsville, Ala.

GOODLETT'S CHAMPION B. P. ROCKS

were winners in the South's greatest show; Greenville, S. C. 1st hen, 1st and 2nd pullet, 3rd cock and 1st pen. American Plymouth Rock special for best cock, hen, cockerel and pullet.

MY LIGHT BRAHMAS ARE OF THE SAME HIGH QUALITY

Competed for 20 prizes, winning 10 firsts and five seconds at three shows. My best yard of Barred Rocks headed by 1st cockerel at Greenville.

EGGS FROM BEST PENS \$3 PER 13; FROM OTHER FINE MATINGS \$2 PER 15.

STOCK FOR SALE

Address T. J. GOODLETT,

TRAVELERS REST, S. C.

Tormohlen's "EVER-LAY" Strain of S. C. BROWN LEGHORNS

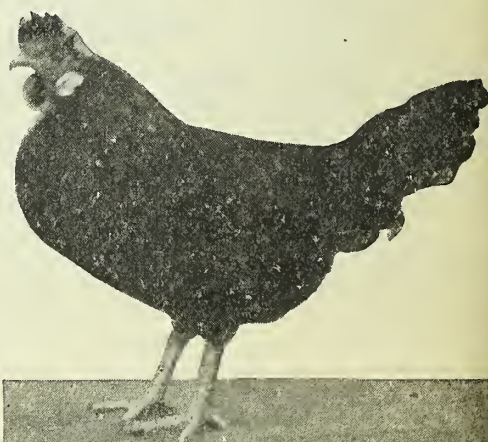
The leading strain of heavy layers. Chicago, and bred from Chicago winners. Males with strongly stripped hackles and saddles. Females with fine penciling and even color that win everywhere.

Eggs \$2.00 Per 15; \$5.00 Per 45

Address

H. V. TORMOHLEN
INDIANAPOLIS, IND.

(Yards Now Located at Portland, Ind.)



EVERLAY BROWN LEGHORN PULLET
WINNER AT CHICAGO '08

Editor R. L. Simmons

Judge R. L. Simmons, of Charlotte, N. C., will conduct a Southern Department for *Poultry Monthly*. He has had years of experience with poultry and should be able to run an interesting department.

Solicitor Wanted

Salary or commission. First class job for the right man. A regular tour of fairs and poultry shows. August to March. Address THE INDUSTRIOUS HEN, stating experience, ability and giving reference.

The Southern Horticulturist

Is a new journal published at Humboldt, Tenn., by the Rooks Brothers Company, and from its first appearance looks as if it came to stay. It is worth several times more than the subscription price, but we will send it and THE HEN, both one year for 60c for awhile.

Knoxville Eggs to Switzerland

The Cottage Home Gardens, W. R. Teepell, proprietor, Knoxville, Tenn., recently shipped a setting of fifteen White Wyandotte eggs to a customer in Zurich, Switzerland. They were eight days enroute and hatched twelve chicks. With proper care in packing and handling such shipments are reasonably safe.

Surely a Bargain

In order to make room for her Black Oringtons, Miss Alice Pelton, of Nashville, is offering for sale at a real bargain a pen each of White Wyandottes and White Rocks, also Red Jacobins. See prices in an ad elsewhere in this issue and if you are in the market to buy write Miss Pelton. Transactions will be vouched for by THE HEN.

INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators

SOLINE OIL

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,

K. & O. Ry. Knoxville, Tenn.

S. C. R. I. REDS

NOT INBRED

GOOD LAYERS! WINNERS TOO!

Won at Asheville, N. C., December 1-4, 1908, 1st and 2nd pullet. My birds are a rich dark red, the kind that does not fade easily.

Eggs \$2 for 15; \$4 for 100.

JOHN M. TRENTHEM, Russellville, Tenn.

Eggs From Thoroughbreds

S. C. R. I. Reds, - - \$2.00 per 15
S. C. White Leghorns, 2.00 " 15
S. C. Buff Oringtons, 2.50 " 15
Shawl-Neck Games, 3.00 " 15

SATISFACTION GUARANTEED

PRINCE EDWARD POULTRY YARDS

A. E. CRALLE, Prop.

FARMVILLE, - - VIRGINIA.

**GAPE-NIT****CURES GAPE**

Gape-Nit is a positive cure for Gape no matter how bad the case. Kills both germ and worm. If given in time prevents little chicks getting Gape. Trial pkg 25c postpaid. Reg. size \$1.00 Folder and testimonials FREE. Peerless Gape-Nit Co., 233 A N. Front St., Philadelphia.

THE BEST WAY TO SELL POULTRY

Is to advertise in a paper that (1) is read by most farmers; (2) and encourages them to buy the best bred poultry.

Such a paper is the

PROGRESSIVE FARMER, Raleigh, N. C.

TWICE the circulation of any other weekly, daily, or monthly published between Richmond and Atlanta.

"In a few weeks after I advertised in the *Progressive Farmer* I sold all the poultry I had for sale, and could have sold more. I did not intend selling any Brown Leghorn pullets and only advertised cockerels, but had so many inquiries from your readers that I was forced to sell pullets, also."—J. C. Williams, Sanford, N. C. Nov. 16, 1908.

WRITE FOR RATES.

Davis' Barred Rocks

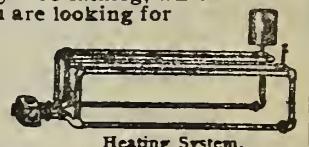
do their usual stunt, winning at the shows. Twice as many firsts as all their competitors. Mating list tells all about it. Write for it. Eggs, \$1.50, \$2.00 and \$3.00.

B. S. DAVIS, Charlotte, N. C.

**THE MISSOURI QUEEN INCUBATOR.**

I claim the only way to heat the corners of an Incubator is to place heat in them. Notice my system with pipe down each of the four corners. If you want the best Incubator in the world, send for my free catalog, which will tell you all about it. If you are looking for a "Cheap John Affair," Send to the other fellow. Address all letters to

W. P. SHEETS,
4 Dept. E. Princeton, Mo.



Heating System.

**Barred Plymouth Rocks Single Comb R. I. Reds
Columbian Wyandottes**

Bred for beauty and business. We have not shown our birds the past season, because we have adopted the policy of not showing against our customers. Our stock has been well represented at several of the leading South-Western shows, and they made good in every instance. One of the strongest arguments in our favor is, that we can and do furnish our customers winning birds, and eggs that will produce prize winners.

Eggs from our prize matings, \$3.00 per 15, \$5.00 per 30. Barred Rock and R. I. Red utility matings, \$2.00 per 15, \$10.00 per 100.

DIXIE POULTRY FARM, Siloam Springs, Ark.



A BIRD IN THE HAND
IS WORTH TWO
IN THE SHELL

COPYRIGHT 1907

BABY CHICKS that grow to be prize-winning show birds.

FAMOUS OHIO Brooder develops chicks quicker than others.

PURITAN CHICK Food saves all the chicks. They can't die.

SIMPLICITY Non-Freezing Fountain, guaranteed the best made.

CORRUGATED Card Board Shipping Boxes, sold at reduced prices.

DISINFECTING Nest Egg exterminates lice, ticks and vermin.

HUNDREDS of other specialties for sale at money-saving prices.

CATALOGUE for 1909 heaping full of useful information.

PRICE 25c, coin preferred. Just what YOU need.

W. W. Whiton, the expert poultry judge of Wakeman, Ohio, says: "The One Hundred R. C. Brown Leghorn one-day-old chicks arrived in good order. Followed your directions as to feed and raised 87 to maturity, which was very pleasing to us—forty-three of them being pullets."

OHIO HATCHERY & MFG. CO., Box 21, BELLEVUE, OHIO.

Pedigreed Dogs, all
breeds; Birds, Parrots,
Monkeys, Pigeons, Pet
Stock : : : : :

BELLEVUE POULTRY SUPPLY CO. Ltd.

740 Camp St., NEW ORLEANS, LA.

Incubators, Brooders, Feed, All Poultry Supplies

WRITE FOR CATALOGUE AND INFORMATION

We buy and sell Fan-
cy Poultry of all breeds.
Carry a full line. Will
take on consignment
or buy outright : : :

S. C. BROWN LECHORNS

Michael's strain are winners. Vigorous farm raised birds and persistent layers. Free Catalog. ORION E. MICHAEL. R. R. No. 6, DAYTON, OHIO.



WALKER'S WHITE ROCKS

Took 2nd cock, 1st and 2nd cockerels, 1st and 2nd pullets, 1st pen at Herndon, Va., show January, 1909. Strong competition. Am booking orders for eggs. Can spare a few cockerels and pullets.

C. M. WALKER, Herndon, Va.

Pearl White Orpingtons

Exclusive breeder of the Famous White Orpingtons—greatest bargains in America, quality considered. My 1909 catalog now ready. Write for it.

I HAVE THE PEARL WHITES

T. H. RYNERSON

BOX 119

MOORE'S HILL, IND.

CORNISH INDIAN GAMES

FOR SALE—Some fine Indian Game cockerels and pullets. Birds from best imported stock. Eggs in season \$3 and \$5 per fifteen.

C. W. WOODFIN

62 Oak Street, ATLANTA, GA.

Buff Cochin Bantams

White Wyandottes

S. C. Brown Leghorns

If in need of blood to improve your old strain, please remember that our Bants and fowls have stood show-room tests for ten years in the hot classes of Northern shows. We have winners and winner-getters at fair prices. Ask for particulars. To give them is a pleasure.

PITTSFORD POULTRY FARM

MORTIMER E. BACON, Prop.

PITTSFORD, : NEW YORK

Hotel Cumberland

NEW YORK

S. W. Cor. Broadway at 54th Street

Near 50th St. Subway and 53rd St. Elevated, and accessible to all surface lines

Ideal Location.

Near Theatres, Shops, and Central Park.

New and Fireproof

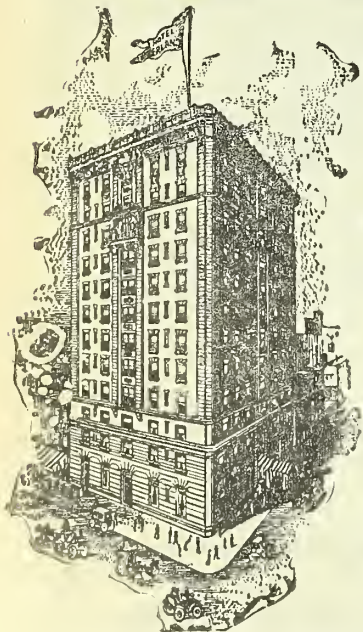
Strictly First Class in Every Respect

All Outside Rooms

No Carpets.

All Hardwood Floors and Oriental Rugs.

European Plan.



Transient rates, \$2.50 with bath, and up. Restaurant Unexcelled. Prices Reasonable.

Send for Booklet.

Harry P. Stimson

R. J. Bingham

Formerly with Hotel Imperial. Formerly with Hotel Woodward

Wilber Bros. in the Harness Again

Mr. Wilber, Petros, Tenn., writes that from four fine matings they have a flock of six weeks to three months youngsters that are showing up fine, cockerels are crowing. Hurrah for the Southern bird.

National Golden Wyandotte Club

Will soon issue a catalogue that will be of unusual interest and of great value to its members. Every breeder is urged to join. For further information write W. G. Smith, Sec'y-treas., Bannock, O.

One Good Turn Deserves Another

All we ask of friends who write to our advertisers is to say: "I saw your ad in THE HEN." We say lots of good things about you. We never say anything else. Life is too short. Do all the good you can, and then you'll do harm enough.

A. P. A. Election

Ballots have been received for voting on the election of offices for the A. P. A. to be counted May, 3, 1909. The nominating ballots sent out by Secretary Kimmey shows the following number of votes cast:

For President—C. M. Bryant, 384 votes; W. Ellison, 6; Grant M. Curtis, 5; Thomas F. Rigg, 5; H. B. Donovan, 4.

For 1st Vice-President—H. B. Donovan, 177 votes; L. A. Baldwin, 63; George E. Conkey, 22; Miller Purvis, 20; C. K. Graham, 14.

For 2nd Vice-President—C. K. Graham, 215 votes; Miller Purvis, 65; J. W. Murkin, 18; O. H. McCord, 16; H. B. Donovan, 8; Wm. Biel, 6.

For Secretary-Treasurer—W. S. Russel, 137 votes; S. T. Campbell, 117; Charles H. Ring, 84; George O. Brown, 13; George B. Wiemer, 11.

For Executive Board—David A. Nichols, 272 votes; George D. Holden, 256; S. T. Campbell, 116; Eugene Sites, 55; C. K. Graham, 27; Russell Palmer, 26; E. E. Richards, 18; C. W. Fowler, 15; H. H. Collier, 14; L. E. Roberts, 14; Horace Atwood, 11; A. K. Graham, 10; M. Buck, 9; C. McClave, 9; J. E. Rice, 9.

Farm Journal and The Hen

Both papers two years for.....\$1.00
Both papers five years for.....2.00
"POULTRY SECRETS" 25 cents additional.

Send orders to

THE INDUSTRIOUS HEN CO., Knoxville, Tenn

MONEY IN POULTRY AND EGGS

We tell you how to make it. Address, C. A. SHARP & CO., LOCKPORT, N. Y.

WE BUY THOROUGHbred POULTRY

Write and Make Us an Offer

J. STECKLER SEED CO., Ltd.

512-516 Gravier St., NEW ORLEANS, LA.

The largest seed house in the South—vegetable, flower, field and grass; fruit trees, roses, everything. Breeders of Fancy Poultry, Swine, Pigeons, Rabbits

BACHELOR FARM BREED M. B. TURKEYS

Eggs \$2.50 per 13. Pekin Duck eggs \$1.50 for 13. White P. Rocks and eggs, write for prices. One pen of S. C. B. Minorcas composed of 1st prize cockerel at State Fair 1908, 2nd prize pullet. 2 other fine pullets and three fine old hens. Eggs \$3.00 for 15.

We guarantee satisfaction.

MRS. T. E. BACHELOR, Avery, Ark., via Varner

S. C. B. Minorcas

OUR SPECIALTY

We Won 21 FIRST out of possible 29 at six shows in 1908: Tullahoma, Aug. 25 to 28; Nashville, Sep. 21 to 28; Memphis, Sep. 28 to Oct. 7; Lebanon, Dec. 3 to 8; Knoxville, Dec. 9 to 12; Nashville, Dec. 8 to 12. No hens at one show. Eggs guaranteed to hatch regardless of distance. Will replace all unfertile eggs returned to us on 12th day of incubation.

Write for circular.

J. C. Vaughan & Company

LEBANON, TENN.

THE NEW BREED—

Buttercups

RECORD—300 EGGS PER YEAR

CIRCULARS AND PRICES SENT WITH PLEASURE

J. S. DUMARESQ

(CATO'S HALL)

EASTON, MD.

CHAPMAN'S IMPROVED TRAP NEST

At the Great New York and Boston Poultry Shows thousands of Poultrymen were unanimous in declaring the Chapman Trap Nest the leading Trap Nest of the world.

If you want a Trap Nest that will do the work five years from now as well as today you will want The Chapman Nest. If you wish a nest built upon honor you are sure to find it in this nest. Liberal discounts to agents. Write for Catalogue.

3 NEST SIZE \$3.00; 6 NEST SIZE \$6.00

CHAPMAN TRAP NEST COMPANY,

WELD BUILDING, BOSTON, MASS.

Great Washington, D. C., Show

Will be held Dec. 7 to 11. Plans are being formed for this exhibition, and as the last one was a great success the next will doubtless be better than ever. Mr. Calvin Hicks, Rockville, Md., the able and popular secretary, has been elected for another year.

Legislator Langford

Frank Langford, Nashville, of Rhode Island Red fame, is an honored member of the Tennessee Legislature. Mr. Langford is a brilliant young attorney and would make a creditable representative on the Executive Committee of the A. P. A.

O. L. McCord for 2d V.-P. A. P. A.

A breeder for 17 years with ten years of experience in judging and a lover of the great American hen is the claim that Judge McCord goes before the A. P. A. seeking office. He has the experience and would no doubt fill the office acceptably.

S. C. White Leghorn Pullet

W. S. King, Lonoke, Ark. This pullet, writes Mr. King, "is the highest scoring White Leghorn pullet in the South today." Mr. King has recently been elected superintendent of the Poultry and Pet Stock Department for the third time at a meeting of the board of directors of the Central Arkansas Fair Association at Carlisle, Ark.

Noftzger's Partridge Rocks

Are just what Mr. Noftzger claims for them in his catalogue just out. He is the originator of the breed; a practical, scientific poultryman, and a gentleman. We had the pleasure of meeting him at Indianapolis and of seeing his birds, and if you want to learn more of them—birds and man—address a card to S. A. Noftzger, North Manchester, Ind.

S. G. BUFF ORPINGTONS

Imported strain, rich golden buff throughout, up to weight. Mine are winter layers, and win the Blue. Eggs \$2.00 per 15. Stock a matter of correspondence.

MRS. LULA LAWSON

Route 4, Box 2, Cleveland, Tennessee

NOTICE!

Try one Setting of Wall's Exhibition Barred Plymouth Eggs at \$1.25 per fifteen, then you will order again.

W. E. WALL
VAUCLUSE, S. C.



Latest Book "Profitable Poultry," Best illustrated Poultry book, describes, largest, most successful Poultry Farm in U. S., 45 VARIETIES, pure-bred Poultry, Beautiful, hardy and money makers. Thousands to choose from. Lowest prices on fowls, eggs, incubators, etc. Sent for 4 cents. **Berry's Poultry Farm, Box 84 Clarinda, Ia.**

**—FOR—
WHITE ROCKS OF QUALITY
—TRY—**

PAUL E. TROUCHE
CHARLESTON, S. C.

Eggs \$5, \$8 and \$10 per Setting.

**Shaner's B. P. Rocks
Are the Best**

Thirty years in the poultry business ought to teach me how to raise them. While I rarely ever exhibit them, my birds win everywhere. None but the very cream of my flocks find their way into my breeding pens. Our customers get the benefit of our years of experience.

A. B. SHANER
LANARK, ILLINOIS

**MOFFITT'S**

Perfection Ideal Aluminum Leg Band—18 for 12c; 25 for 20c; 50 for 40c; 100 for 65c. State variety bands are for Send two cents for sample. For Poultry and Pigeons

J. MOFFITT, Southbridge, Mass.

DEATH TO HAWKS

Life to Chickens and Turkeys.

Cock of the Walk.

"HAWK"

The Barn Yard Robber.



I take Macnair's Chicken Powders and feed my Children on them too. Look at me and observe the hawk. Cock a doodle doo.

Died after eating a chick of that old Rooster, which had been fed on Macnair's Chicken Powders. Alas! Alas!

MACNAIR'S CHICKEN POWDER

kills Hawks, cures Cholera, Gapes, Roup, Indigestion, Leg Weakness, and keeps them free from Vermin, thereby causing them to produce abundance of eggs.

Sample package 25 cents.

W. H. MACNAIR,

TARBORO, N. C.

JOHNSON'S WHITE AND GOLDEN WYANDOTTES

We made another grand winning at Lexington, Kentucky, January 4th, J. H. Drevenstedt, Judge. Some nice Hens and Pullets in WHITES for sale. Eggs \$2 and \$3 per setting of 15. Our mating list now ready

W. E. JOHNSON & SON,

BOX A,

LEXINGTON, KY.

**40 Acres in
White Leghorns**

Hundreds of my Pure Blue Ribbon Strain, fine breeders \$1.50 per head; healthy, strong and vigorous. They win the Blue and lay the whole year through, cold winter days not excepted. Past 3 years have won three-fifths of the prizes at the Great Knoxville show, including the Club Cup 1908 for ten highest scoring birds in show. Every yard headed by an exhibition yearling cock. Eggs \$1.50 per 15; \$8.00 per 100, that hatch strong chicks. Order direct from this ad. and get extra eggs or a pullet if order amounts to \$10.00. Special exhibition yard headed by the best cock bird ever produced in this country. Average score of yard 95 points. Eggs after March 20th \$3.00 per 15.

White Hill Poultry Farm

A. J. LAWSON, Prop., R. 4, CLEVELAND, TENN.

State Vice President National S. C. W. Leghorn Club. Reference—Editor INDUSTRIOUS HEN.

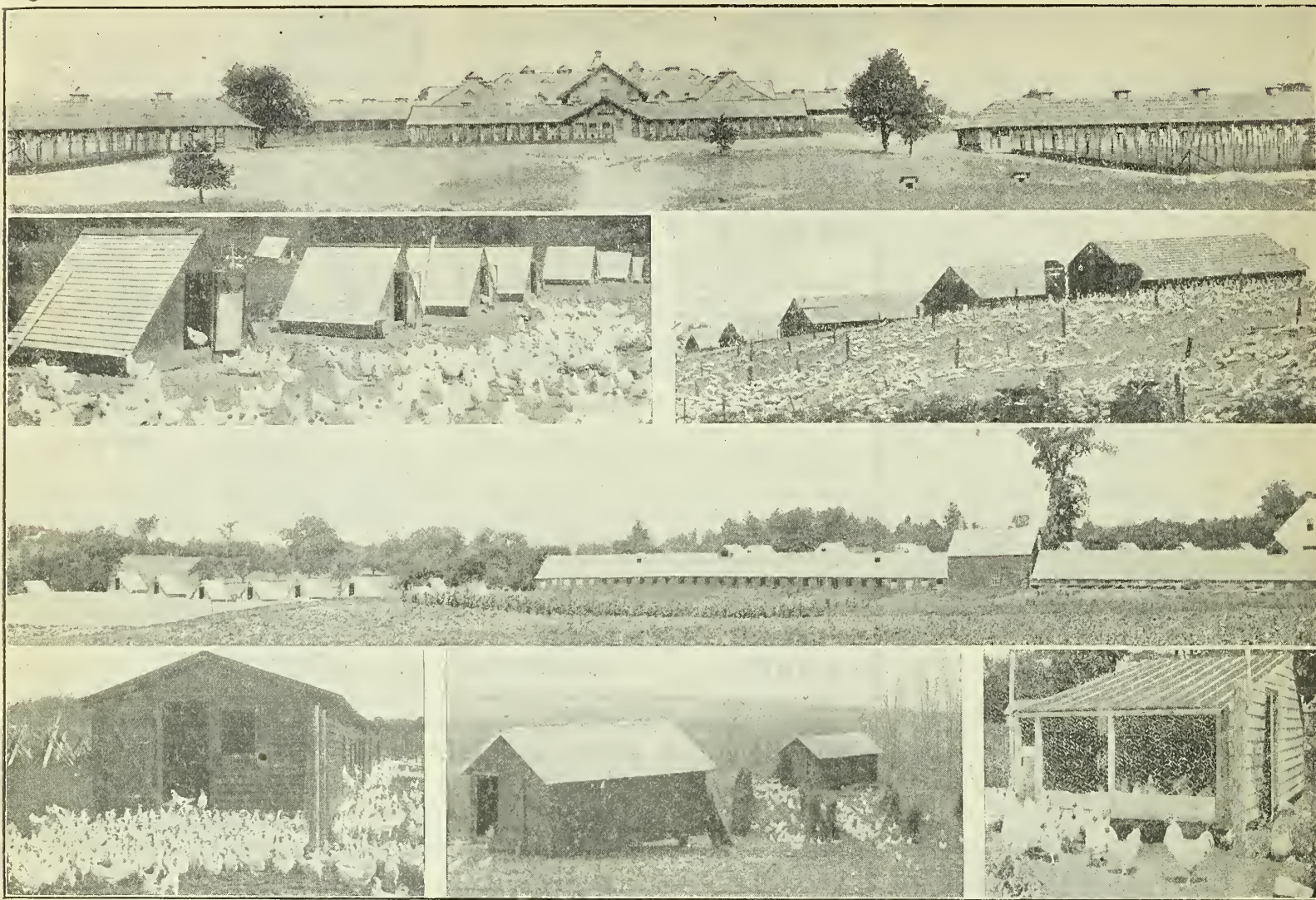
**Hale's Barred P. Rocks**

THE best money makers in the South because they are the best laying strain and have an unbroken show record in the past seven years under fifteen judges. My Rocks have won more blue ribbons in the South's leading shows than any other strain. They have rich yellow shanks and beaks, fine bay eyes with the proper Rock shape and barred to the skin. Yards all mated and ready for business.

Eggs \$2 per 15, \$3.50 per 30, \$5 per 45, \$10 per 100.

C. P. HALE, Barred Rock Specialist R. 1, Sweetwater, Tenn.

Scotch Collie Dogs of Most Up-to-Date Breeding.



Here are a few Poultry Houses from the big 212-page Catalogue of Cyphers Incubator Co., Buffalo, N. Y. This book contains many other styles of houses—open and closed, colony plan, continuous, scratch sheds and curtain fronts—built by fanciers, duck growers, practical poultrymen, experiment stations, and millionaires for city, town, village or farm; but that's only a little of what this book contains. It covers every branch of the poultry industry. It will be sent Free to you if you mention this paper.

IMPERIAL PEKIN DUCKS

I make a specialty of these pure-bred money-makers; lay like Leghorns; feathers pay keep; eggs clear profit. Eggs per 15, \$1; 100, \$5.

ERNEST PARKS, SCOTTSBORO, ALABAMA

S. C. RHODE ISLAND REDS

RED KING and two pullets at Augusta won 1st, 1st, 2nd, and six special prizes including two silver cups and the grand gold medal and silver medals of the A. P. A. for best cockerel in standard varieties. Such winnings with these birds should commend the strain to those seeking the best.

Write for Catalogue.

J. S. WARD & SON,

Station B, Route 9.

NASHVILLE, TENNESSEE

COLUMBIAN AND WHITE WYANDOTTES

I own today some of the best Wyandottes in the South. For the past 18 years I have bred, sold and exhibited White Wyandottes, during that time I have bred and sold many winners. My matings this season are without doubt the finest I ever put together. I want to sell you eggs that will hatch chicks that will be heard from the coming year. \$2.00 and \$3.00 per 15. My Columbian Wyandottes are of the same high quality. Just watch me come up in this variety. Eggs \$2.50 per 15. Catalogue telling all about my winners.

R. S. BOLLINGER, Shandon, COLUMBIA, S. C.



S. C. RHODE ISLAND REDS

2 Silver Cups, 31 Ribbons, 1 Diploma and 4 Special Badges this Season

Frankfort, Ky., Dec. 1908, 1st cock; 1st, 3rd cockerels; 1st, 2nd, 3d, 5th pullets, 1st pen, 2nd pen; also premiums at Louisville, Lexington, Bowling Green, Lebanon, Harrodsburg, Ky., Knoxville and Memphis, Tenn. These birds are direct descendants from Madison Square Garden, N. Y., winners. Ten yards mated. Eggs for sale. Send for mating list.

RED HEN POULTRY YARDS. L. B. COOK, Proprietor
Box A, STANFORD, KY.

\$50 Machine for \$16

FREIGHT PREPAID to your Station

Don't pay a high price for a sewing machine when you can get the famous **INDUSTRIOUS HEN** machine for \$16, delivered at your door, and guaranteed for ten years. It has



been on the market for 30 years under another name. Is high arm, ball bearing, noiseless, easy running, stand hand-somely embossed, hand polished case, etc. Is modern in every feature, and the best that can be made. Will be sent freight prepaid, with a year's subscription

to **THE HEN**, for \$16, cash with order. Send for a few choice testimonials.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

DON'T LET THIS GET BY YOU

"THE HEN THAT LAYS IS THE HEN THAT PAYS"

Every poultryman wants to know which hen layed the egg. After 15 years breeding poultry, I have discovered and copyrighted a system by which you can tell absolutely WHICH HEN LAYED THE EGG. You can feed your fowls in the morning, visit the yards at night and immediately recognize every hen that layed and each individual egg. No trouble, anyone can do it. Remember you can be away all day and still have an absolute record of every hen in your flock. No guess work, examination or catching the hen, but the best thing ever discovered for the poultryman. This system plays no favorites but shows the actual laying capacity of every hen. Turn your losses into profit. Your money back if it does not fulfil my claims. Price \$1.00 postpaid. Address

M. F. HUTCHISON

"Box 47"

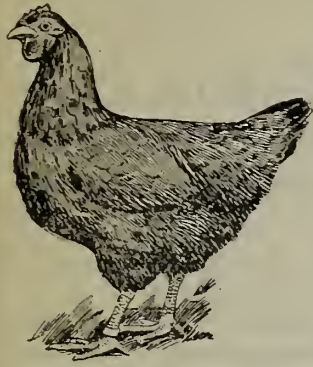
HERNDON, VIRGINIA

A quartet of prize winning Reds, the property of James M. Frank, Nashville, Tenn. Mr. Frank is a most conscientious, careful and scientific breeder. These illustrations are drawn from life—not photographed—at considerable expense, and presented by Mr. Frank with pardonable pride. The male was the first pen cockerel at Augusta, Ga., 1908. He has an even, brilliant surface and red to the skin. He

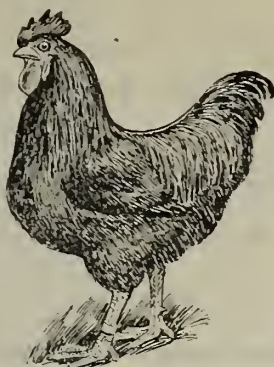
is well marked in all sections. "Lillian B" and "Helen F" head pens Nos. 1 and 2 respectively. These birds are of excellent size, shape and color, mated to Red Monarch. You will get what you buy from Mr. Frank, and THE HEN will vouch for every transaction.

Candidate Executive Committee, A. P. A.

Harry H. Collier of Tacoma, Washington, is an applicant for Executive Committeeman of the A. P. A. Associate Editor Clipp has met Mr. Collier on his native soil, and knows that he is deserving of the office he seeks.



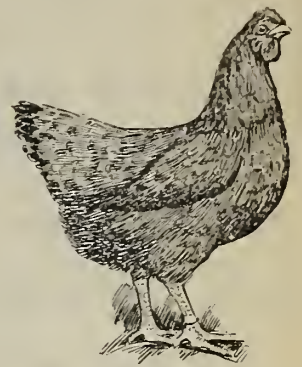
Helen F.



Red Feather



Red Monarch



Lillian B.

BEST SINGLE COMB WHITE LEGHORNS IN ARKANSAS

Won at State Fair, Hot Springs, October 12-17, 1908, in class of 75, 1st cock, 1st and 2nd cockerel, 1st and 2nd pullet, 1st and 2nd B. pen. Central Arkansas District Fair, October 19-23, 1st B. pen, (only entered one pen). Southwest Arkansas Poultry Show, DeQueen, December 17-19, 1st, 2nd and 3rd cockerel; 1st, 2nd and 3rd pullet; 1st pen; (entered no old birds). Lonoke, Ark., Poultry Show, January 5-7, 1909. 1st cock; 1st, 2nd and 3rd pullet; 1st hen; 1st B. pen, and tie 1st and 2nd cockerel. Strongest blood lines behind them in the United States. Good size and white. Stock and eggs.

SATISFACTION GUARANTEED.

PINE HILL FARM, A. P. RYLAND, the Chicken Man. PINE BLUFF, ARK.

McCLAVE'S "Old Reliable" LINWOOD POULTRY YARDS

ESTABLISHED 1874

Practical breeder of prize-winning Wyandottes, Rocks, Leghorns, Turkeys, Geese and Ducks. Winners at the leading shows of America, including New York, Boston, Buffalo, Toronto, Pittsburg, Hagerstown, Cleveland, Chicago, St. Louis and many others. More than 3000 prizes won in past three years. Choice birds for sale at all times. No difference what you want, ask McClave, he has it. :: :: :: :: ::

—WRITE—

CHAS. McCLAVE, - New London, Ohio

R. C. RHODE ISLAND REDS

1st and 2d hen, 1st and 3d pullet, 2d cock, 2d pen. Silver cup for best display, 1909.

HENRY O. SHAW, New Augusta, Ind.

S. C. BUFF ORPINGTONS and MAMMOTH IMPERIAL PEKIN DUCKS

Unexcelled as layers and breeders of strong, vigorous chicks, and always win their share of ribbons. Young and old stock for sale. I am offering them at a close price to make room for breeding pens. Book Eggs at once. Duck Eggs \$2.00 per 11. S. C. Buff Orpington Eggs \$3.00 per 15. Write me your wants.

J. C. DENNIE, West Lawn Poultry Yards NASHVILLE, TENN.

IF YOU WANT PURE BRED
Snow White Indian Games

—AND—
Rhode Island Reds
That are **RED**

Order Your EGGS from
J. D. PATE, Sharon, Tenn.



EGGS EGGS EGGS FROM THOROUGHBREDS

Single Comb Rhode Island Reds. Pen A. All Prize Winners. \$3.00 for 15 Eggs.

" " " " " 1. Extra Fine Reds. 2.00 " 15 "

" " " " " 2. These are fine. 1.50 " 15 "

" " Black Minorcas. 1. All Prize Winners. 3.00 " 15 "

" " " " " 2. Extra Fine. 2.00 " 15 "

" " Buff Rocks. 1. Buffs that are Buff. 2.00 " 15 "

Buttercups. Watch these and see them grow. - - - - - 2.00 " 15 "

Cornish Indians and Anconas. - - - - - 1.50 " 15 "

100 Eggs of one breed or assorted \$10.00, \$8.00 and \$6.00, according to Pens.

I have over 50 Winners of Prizes in my flock. Send me your orders.

C. S. TAIT, - BRUNSWICK, GA.

RHODE ISLAND REDS

ROSE COMB EXCLUSIVELY. THE WORLD'S BEST STRAIN.

1908: At Tennessee State Fair Show, birds from my flock won: First on cock, first on hen, first on pullet, first and special on pen, no cockerels entered, this on five entries. At Augusta, Ga., with only three birds entered, first cock, fourth hen (this hen scoring 94½ under Lansden, a Red judge), and fifth pullet, in hot competition. At Knoxville, in January, first cock on one entry. At Lebanon, thirteen ribbons on seventeen birds entered. Also big winning at Bristol and Johnson City, Tenn. These winnings were made in competition with the best breeders North and South.

This speaks as to their quality. Four grand pens mated for the egg trade and stock for sale at all times. Price of eggs, \$2.00 per 15. Birds \$2.50 to \$10.00 each. Address

G. C. HALE, Floursville, Tenn.

... RUDY'S ... Perfection White Wyandottes

Eggs for Hatching from
—TEN GRAND PENS—
Which include winners in the following shows
Chicago, Indianapolis, Peoria, Illinois
State Fair and Illinois State Show

Prices of Eggs: \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100

Write for free circular

RUDYDALE POULTRY FARM
GEO. H. RUDY
MATTOON, - ILL.

MILES' S. C. RHODE ISLAND REDS and BARRED PLYMOUTH ROCKS

THE BEST YOUR MONEY CAN BUY—THEY HAVE WON AT STATE AND NATIONAL SHOWS FOR 10 YEARS

Our record made at, Cleveland, O., Cincinnati, O., Indianapolis, Ind., Columbus, O., and Nashville, Tenn., has never been equaled. Add to this our winning at *Pittsburg, Pa.*, Feb. 1909, (one of the greatest shows in U. S.) we won on *Reds*, 4th ck, 1st hen, 1st cockerel, 1st pullet, 1st pen, both color and shape specials. Gold special for best pen, cup for best display and A. P. A. special for best ckl.

On *B. P. Rocks*, 1st and 3rd cock, 3rd, 4th and 5th hen, 4th pen. Some good breeding birds still for sale at from \$3.50 to \$10.00. Send for free mating catalogue. EGGS \$5.00 PER 15. Please mention this paper. Address

MILES POULTRY FARM, OSCAR E. MILES, Owner, Columbus, Ohio

Your Subscription Free

We want to C-U-B-A regular reader of *THE INDUSTRIOUS HEN*. Send us two subscriptions at fifty cents each and we will send *THE HEN* to you one year free. Address *THE INDUSTRIOUS HEN Co.*, Knoxville, Tenn.

Two Dozen Leg Bands Free.

You can't tell what your hens are doing unless you leg band them. You have to pay five cents each if you don't put leg bands on before you go to the show, so get your leg bands, now while you can get them for nothing. *THE INDUSTRIOUS HEN* has 5,000 of the best leg bands made to give to its readers. These leg bands retail at 15c a dozen. Here's how to get them free. Send us fifty cents for *THE INDUSTRIOUS HEN* one year and we will mail you 24 of these leg bands. If you have recently paid your subscription you may renew for another year; or if you will get one of your neighbors to send in fifty cents for his subscription, we will mail you a dozen bands each. This gives everybody a chance to get these leg bands free. Don't wait. Write today to *THE INDUSTRIOUS HEN Co.*, Knoxville, Tenn.

DON'T THINK OF BUYING A SEWING MACHINE

until you have investigated the popular and ten year guaranteed *Industrious Hen Sewing Machine*. This machine is manufactured for us by one of the best factories in the world, and we ship it to our customers at exactly what it costs us, plus our advertising and one year's subscription to *THE HEN*. Freight is paid to your railroad station. Send for illustrated circular and testimonials. Thousands are using this machine, and we have never had one word of complaint. It is guaranteed for ten years, is the equal of any \$45 machine on the market, and will be shipped, freight paid, including a year's subscription to *THE INDUSTRIOUS HEN* to any railroad station in the U. S. for \$16. Save 60c a week for 27 weeks and you have your machine paid for. Satisfaction or money returned.

BARRED ROCKS (EXCLUSIVELY)

Strictly line-bred for exhibition quality. A few Choice Cockerels for sale. Eggs from either cockerel or pullet matings. **A. F. FULLER, BOX K, MATTOON, ILL.**

BROWN LEGHORNS FOR SALE!



Yearling Cocks and Hens, Cockerels and Pullets

This year's eggs at half price, \$2.00 and \$3.00 per setting of 15. First prize cock Knoxville, '08 show for sale. Call for free circular and get full particulars of matings.

M. S. Copeland, R. 1, Powell Sta., Tenn.

EGGS

That is what you wish to get in the winter. **ROSE COMB BROWN OR WHITE LEGHORNS** are the kind you need to lay them. I can furnish you with the ones that lay the eggs, and also win the Blue, at \$1.00 and \$2.00 per 15; \$5.00 per 100. **H. L. CARSON, MIDDLEPORT, OHIO.**

POULTRYMEN--

Send 10c for our 1909 Catalogue.

Chuck full of useful information. Describes and Illustrates 35 Varieties. You Can't Afford to be Without it.

EAST DONEGAL POULTRY YARDS, Marietta, Pa.

Thornhill's BROWN Leghorns

Are Bred to Lay. Are Bred for Show. Are Among the Best. Results Guaranteed. Booking Orders for Spring Delivery. Eggs, \$2.00 per 15.

THORNHILL'S POULTRY YARDS NEW DECATUR, ALA.

SOUTHERN POULTRY GUIDE

or 40 Years With Poultry.

By Cal Husselman, Poultry Editor of the *Southern Planter*. Freely illustrated with useful and handy home-made accessories; contains more plain, everyday, common sense about the chicken business than you ever read before. Special price, 75 cents, or a year's subscription to the *Southern Planter* included for \$1. Don't miss this book.

SOUTHERN PLANTER,

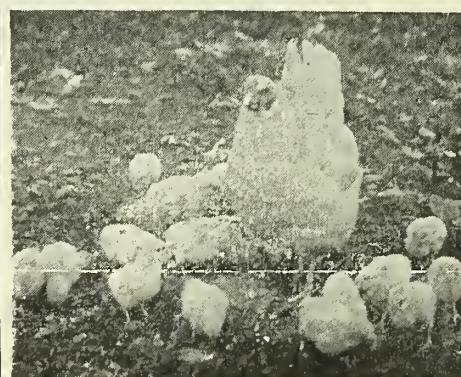
Richmond, Va.

PRIZE WINNING EXHIBITION

BLACK ORPINGTONS and COLUMBIAN ROCKS

Black Orpington pen, headed by first prize cockerel, Cincinnati and Portsmouth, first and third hens, second and fourth pullets. Eggs \$3 for 15. Columbian Rock cockerel won first at Portsmouth, 1908; also first hen, first pullet. Eggs \$5 for 15. Also a few choice cockerels for sale.

EVAN SURRAN, 91 E. Third St., PORTSMOUTH, O.



No. 6—Score 93; Egg Record 197.

Blue Blood Winners **HARD TO BEAT** Large Production Layers

BAYNE'S EGG RECORD STRAIN OF WHITE WYANDOTTES

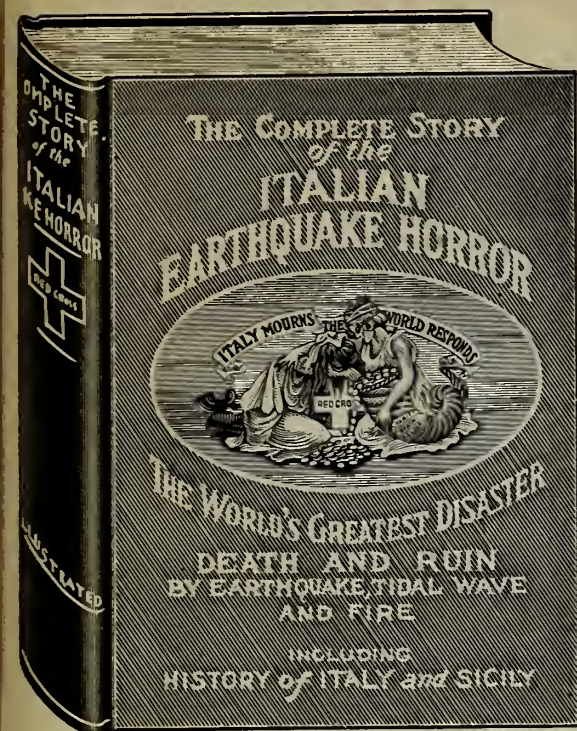
With fowls having an average egg record of 198 eggs in a year, I won this season at Knoxville, December, 1906, 1st hen, 3d cock, 2d pen, highest scoring W. W., and had best shaped male. At Bristol, Va., January, 1907., 1st 2d cock; 1st cockerel; 1st, 2d, 3d, 4th hen; 1st, 3d pen; best shaped male, and silver cup for largest winning display of 10 or more birds in American class. My fowls have vigor, health and hardiness; raised on free range—forty acres. Breeds, show or business birds on sale. Eggs, \$2 for 15; \$3.50 for 30; \$4.50 for 50; \$8.00 for 100.

T. L. BAYNE, RUSSELLVILLE, TENN.

RHODE ISLAND REDS (Both Combs)

Hampton's famous 1st prize winners at Boston, New York, Jamestown, Chicago, St. Louis, Scranton, Pa., Springfield, Parkersburg, Va., Birmingham, Knoxville, Bristol. Eggs or stock from eggs like these would improve any one's flock. Fine cockerels and pullets for sale. Eggs \$2.00 for 15. Half price after May 1st.

SOUTHERN POULTRY FARM—WADE HAMPTON, Prop., Rogersville, Tenn.



PUBLISHER'S PRICE \$1.50

Sent with a year's subscription to the
INDUSTRIOUS HEN for \$1.00.

COMPLETE STORY —OF THE— ITALIAN EARTHQUAKE HORROR

Graphic Accounts of this Most Awful Catastrophe in which Two Hundred Thousand People Lost Their Lives. Tens of Thousands of Homes Crumbled to Dust in a Few Seconds. Personal Experiences of Survivors and Thrilling Escapes from Death. A Book of 400 Pages, 7x9½ inches, Bound in Heavy Cloth, Gold Lettering, beautifully illustrated with full page half-tones from photographs taken on the grounds, showing the Cities of Italy and its people before and after the great Earthquake. This wonderful book also contains a History of Italy and Sicily; other Great Disasters of the World, both by Earthquake, Volcanoes and Tidal Waves; Scientific Explanation of their Causes, etc. This book is just off the press, and while this edition lasts will be sent to any address in the United States, together with a year's subscription to the Industrious Hen, for \$1. Book alone 80c.

SEND FOR ILLUSTRATED CIRCULAR.

THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

South Haven, Michigan

Show will be held Dec. 14 to 18. Marshall H. Mackey, Sec'y.

Tacoma, Washington, Show

Will be held Jan. 4 to 9, 1910. J. C. Clipp, judge; Seth W. Green, Sec'y.

Pape's S. C. Black Minorcas

Charles G. Pape, Ft. Wayne, Ind. is mailing out his new mating list, which is of special interest to breeders.

The American Buff Wyandotte Club

Has published the finest Annual Catalogue ever issued by any specialty Club. It will be sent free to all who ask for it, sending six cents in stamps for postage. It contains a standard for the breed and standard cuts to show what Buff Wyandottes should be like. Every Buff breeder in the world is requested to join the club. Send your address to Henry R. Ingalls, Secretary, Greenville, N. Y.

White Leghorn Eggs Dropped

In order that more Leghorn breeders may become the owners of some of the best S. C. White Leghorn blood in the South, Jno. F. Childress, the "White Leghorn man," Sweetwater, Tenn., has cut his price for the balance of the season. He proposes to ship now his regular \$3.00 mating for \$2, and his special \$5 exhibition mating for \$3. Don't all send in orders at once, but this is an opportunity to get in on the ground floor.

IF YOU ARE INTERESTED

in a 49-piece Dinner Set of Limoges China, and want it free, write us for beautifully Illustrated Circular. If you want to get our \$45 Industrious Hen Sewing Machine free, write us for information. If you want a setting of Barred Rock eggs free, send us six subscriptions to THE HEN at 50c each. Address, The Industrious Hen Co., Knoxville, Tenn.

TO MAKE ROOM FOR REDS

I WILL SELL 1 PEN OF WHITE ROCKS

10 pullets and hens, headed by a Charleston '08, Cockerel. Eggs from Best Strains of

S. C. R. I. REDS FOR SALE

ERNEST A. MARVIN, White Hall, S. C.

COLUMBIAN WYANDOTTES

For Sale Quick at a sacrifice

EGGS BY THE 100

J. W. BRINSER, Manchester, Va.

A Bargain—to Make Room

I must dispose at once of a

PEN OF WHITE WYANDOTTES

consisting of one Cockerel, one Hen and four Pullets. I paid \$15 for the Cockerel, one hen and one Pullet. They are extra fine. Will sell these six grand birds for \$15. Also

ONE PEN OF WHITE ROCKS

that are white. They are beauties. Seven Pullets and one Grand Cockerel for \$15. Will refund money on any transaction if not satisfied.

Also have ten pairs of RED JACOBINS guaranteed mated. All young stock. Will take \$15 for the lot.

MISS ALICE PELTON

2209 14th Ave. N., NASHVILLE, TENN.

EGGS FOR SALE

FROM PENS HEADED BY PRIZE WINNERS AT BIRMINGHAM, ALA., AND JACKSON, MISS. BREEDERS OF BUFF AND BARRED PLYMOUTH ROCKS, WHITE WYANDOTTES AND R. C. RHODE ISLAND REDS. WE SHIP ONLY STRICTLY FRESH AND CAREFULLY SELECTED EGGS. MENTION THIS PAPER AND ADDRESS

BARGER'S POULTRY YARDS, P. O. Box "C," York, Ala.

TERRELL'S S. C. RHODE ISLAND REDS

WINNERS SINCE 1905

Houston, Tex.; Marshall, Tex.; Charleston, S. C.; Augusta, Ga.; Atlanta, Ga.; Nashville, Tenn.; Bristol, Tenn.; Aberdeen, Miss.; Montgomery, Mobile and Birmingham, Ala.

IN THE HANDS OF MY CUSTOMERS: Nashville, Tenn.; Dallas and Fort Worth, Tex.; Augusta and Atlanta, Ga.; Greensboro, N. C.; Oakland, Cal.; Portland, Ore., and other shows.

EGGS—Prize mating, \$5.00; special mating, \$3.00. After May 1st, half price.

Utility, Fancy Breeders and Prize Winners for sale. Circular free. Write me your wants.

L. K. TERRELL

304 TUSCALOOSA AVE.,

BIRMINGHAM, ALA.

Let the Bellevue Poultry and Stock Farm

supply your wants for anything in the Poultry and Pet Stock line. We handle any breed of Poultry and Pet Stock. Either Utility or Exhibition Stock. Eggs \$2.00, \$3.00 and \$5.00 per setting of 15 eggs.

Cocks and Cockerels from \$2.00 up.

Hens and Pullets from \$1.50 up.

We own the famous Scotch Collie, Cheyenne Rocksand, A. K. C. No. 106912, and have him at stud at a fee of \$10.00. Satisfaction always.

C. L. MONNOT, Proprietor, Jeanerette, La.



Luttrell's Buff and Black Orpingtons

Special attention is called to the ad. of Judge S. Luttrell, of Waverly, Ill. Judge Luttrell is known as one of the World's Fair winners on Buff and Black Orpingtons. He is a gentleman who stands at the top in the estimation of his friends, and THE INDUSTRIOUS HEN is glad to recommend him to our readers.

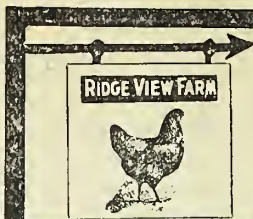
The Southern Planter

ONE YEAR FREE.

As a special inducement to old and new subscribers alike we have arranged to send *The Industrious Hen* and *The Southern Planter*, Richmond, Va., one year for 50c.

We recommend *The Southern Planter* as one of the best farm publications in the South. Send to them for sample.

All subscriptions should be mailed to THE INDUSTRIOUS HEN, Knoxville, Tenn.



RHODE ISLAND REDS

STOP at the SIGN of the RED HEN. Get EGGS to HATCH or HENS that LAY. Ridge View Farm Rhode Island REDS—Best Utility Reds in U. S. Get our SPECIAL OFFER.

ALFRED G. CLARK

Willoughby, Ohio

BUFF and BLACK

ORPINGTONS

BUFF and BLACK

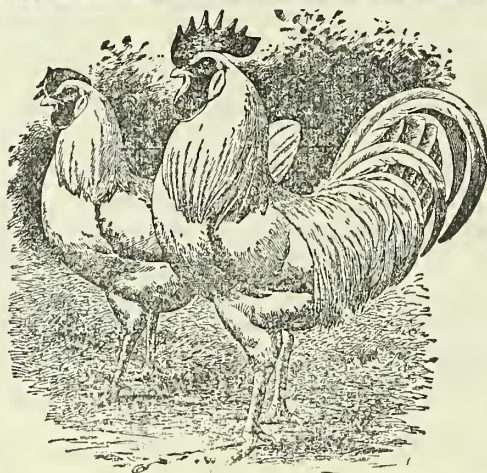
From my long established yards have come many great Prize Winners of the breed. It is easy to buy a few birds of uncertain breeding, go to some easy show, win a few prizes and advertise that your fowls are the best. But go up against the guns in National and International Battle and try it. At World's Fair, St. Louis, in competition with a State? No! the United States? No. but with the

CREAM OF THE UNIVERSE

I won on eleven entries, besides specials, 3-1sts, 5-2ds, and 2-3rds, a prize on each entry, save one injured in transit. This is But One of my Many winnings. Numerous Cups, Firsts and specials in Leading Shows have been won by birds of my strains for many customers, whose splendid achievements in yard and show room are my Ideal advertisement. Describe wants and will please you or birds may be returned at my expense.

S. LUTTRELL,

WAVERLY, ILL



R. C. Brown and White Leghorns

AND

S. C. Black Minorcas

I breed to lay; winners in the best shows. Eggs and stock from hens that layed 253 eggs. You get your money's worth when you buy of Axley. Eggs and Stock.

FRED AXLEY, Sweetwater, Tenn.

ROUTE No. 5

HILLCREST FARM'S

Barred

Silver Penciled

ROCKS

Partridge

Columbian

COLUMBIAN WYANDOTTES

¶ Our 1909 breeding pens are better than ever. This statement means something. It means that we will breed a larger percentage of winners for the shows this coming season than ever before. We have won over 200 prizes this past season, besides

5 SILVER CUPS

Including the \$100 Challenge Cup for Best Barred Rock in Show at Scranton Quality Show

¶ Winners at Madison Square Garden, Philadelphia, Baltimore, Washington, Hartford, Allentown, Hagerstown, Scranton, Patterson, Easton, Trenton.

¶ REMEMBER—Any bird purchased from us and not satisfactory can be returned and get your full purchase money returned. Free Catalogue and Mating List.

FRED SANDFORD, Manager; Wm. F. FOTTERALL, Proprietor, OAKFORD, PA.

ROSEBANK POULTRY FARM

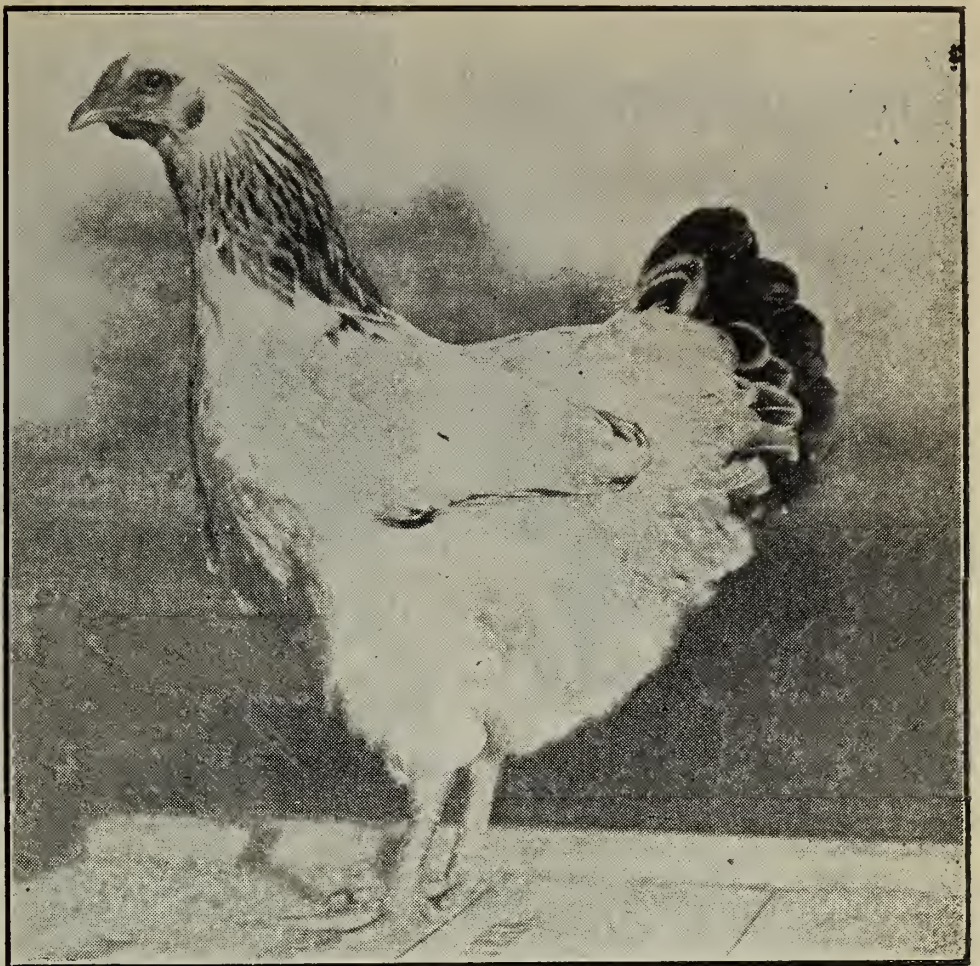
ROUTE 10, NASHVILLE
TENN.
—S.C.—
RHODE ISLAND
REDS.

EGGS
AND
STOCK
FOR
SALE
Write
FOR
PRICES

F.G. DAVIS
NASHVILLE
TENN.

PRINCESS CHIC.

1ST PULLET ALSO COLOR
SPECIAL NASHVILLE 1908.



First Columbian Wyandotte Pullet at Augusta, Ga., Nov. 1908. Also first pen at Nashville, Tenn., Fair. Bred and owned by Sturtevant Bros., Kushla, Ala.

FEED 10¢ Per Bushel



More Poultry Profits

are quickly and easily made by more economically feeding and handling your birds. Do not pay more than 10 to 15 cents per bushel for your main feed. You can easily care for 2000 layers and 3000 chicks, unassisted, by using my method, and also save \$25 on every 100 birds raised to maturity. Get my new illustrated book, "Profits In Poultry Keeping Solved"—it tells how. The third edition of 5000 is just off the press and the books are selling rapidly. Visit my plant and study my method in actual use where 3000 White Wyandottes and S. C. Leghorns are growing for fall and winter trade. Write for circular and testimonials and learn how to raise fully 95 per cent of all chicks hatched. Do it today—now—they're free.

EDGAR BRIGGS
BOX 150 PLEASANT VALLEY
NEW YORK

A Curiosity to All Our Subscribers



A GREAT CURIOSITY—30 Varieties Growing in One Patch

PARTICULARS

This melon patch will prove interesting, instructive and valuable. It enables you to test side by side 30 varieties of melons, and determine which you like best. A patch with 30 kinds of watermelons will be something pretty to look at, and affords at same time an object lesson in varieties. Ordinarily, 30 kinds would cost \$1.50, or, at 3 cents a paper, \$1.00, but we, under this special plan, propose to send the THIRTY KINDS POST-PAID, as follows:

Varieties—Ga. Rattlesnake, Eden, Blue Gem, Kleckley Sweets, Ark. Traveler, Sweetheart, Cale's Early, Seminole, Harris' Early, Triumph, Jumbo, McIver's Sugar, Light Icing, Monte Cristo, Jordan's G. Monarch, Kolb's Gem, Dixie, King's Great and Good, Bradford Black Boulder, Peerless, Dark Icing, Ky. Wonder, Black Diamond, Pride of Ga., Duke Jones, Florida Favorite, Jackson, Cuban Queen, A'a. Sweet, Iceberg, Phinney's Early, Vick's Early, Old Dominion, Boss, Black Spanish, Pride of the South, American King, Iron Clad, Green and Gold, and others.

One lot given free with each renewal or new subscriber to THE HEN at 50c, or we will send you a sample lot by mail for 30c.
THE INDUSTRIOUS HEN CO., KNOXVILLE, TENN.

COLUMBIAN PLYMOUTH ROCKS

that have been selected and bred with great care and precaution and represent the strongest and purest blood lines in existence,—the foundation cross of Light Brahmas and White Plymouth Rocks. No better birds in the world.

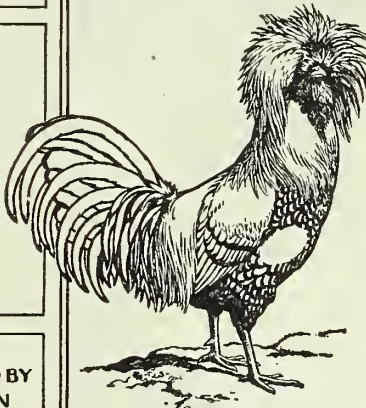
EGGS FROM FINEST EXHIBITION
MATINGS \$5.00 PER 15

VALLEY PRIDE FARM
D. M. GREEN,
President American Col. Ply. Rock Club
CHERRY VALLEY, NEW YORK

STANDARD OF PERFECTION

REVISED AND
ILLUSTRATED

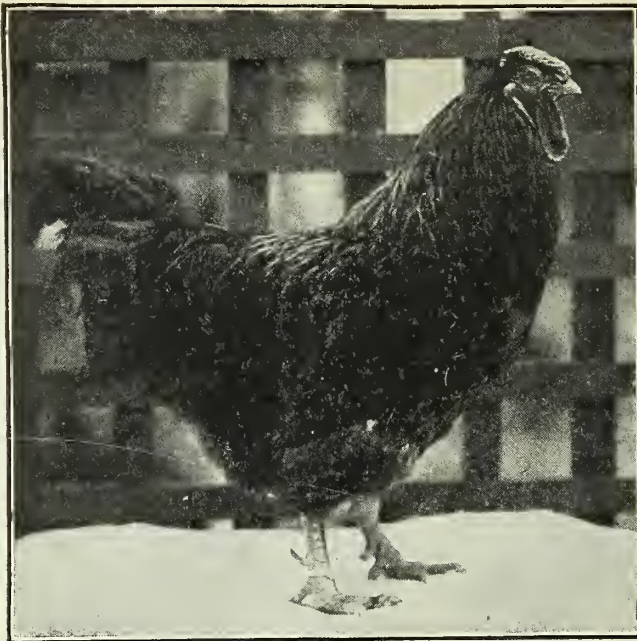
PUBLISHED BY
AMERICAN
POULTRY
ASSOCIATION



The above is a reproduction of the cover of the Standard of Perfection which contains nearly 400 pages, and has nearly 100 full page illustrations of male and female of the leading varieties. This book is the only authorized description of the different varieties of fowls and is issued by the American Poultry Association, who fix the price at \$1.50. It is the law which governs the judges in making their awards. You can neither buy, sell, show or breed thoroughbred fowls without it. We can furnish a copy of this book at above price postpaid.

THE INDUSTRIOUS HEN one year and the Standard, \$1.75.

THE INDUSTRIOUS HEN COMPANY
KNOXVILLE, TENN.



"RED CHIEF," R. C. Rhode Island Red cock, who has been shown twice at Chicago, and at other shows, in competition with over forty others, the "cream" of the country, and has always been given a premier prize. Raised and owned by Fred D. Ewell, Wheaton, Ill. Mr. Ewell also owns and has mated up to females from the original pen the sire of the famous first and second Chicago cockerels ("Chicago King" and his brother). This pen is equalled by few anywhere. Send for his mating list.

MERRY WIDOW BROODERS All Metal
Fire-proof, Self-ventilating, Sanitary. 100 Chick size \$3, 200 \$5.
BABY CHICKS STANDARD BRED
In the following varieties: Barred, White and Buff Rocks; Brown, White and Buff Leghorns; R. I. Reds; White Wyandottes; Light Brahmas; Buff Orpingtons; Black Minorcas and Black Langshans. Our stock are winners in the show room and are bred to lay, we get our eggs from recognized breeders not farmers. Capacity 2000 per day. Arrival guaranteed. Price 8c. to 15c. **STANDARD HATCHERY, Attica, Ohio**

BUY THE BEST
S. C. RHODE ISLAND RED EGGS
Pen A, \$5.00; Pen B, \$2.50 for 15
I won nine Ribbons at Asheville Show, 1908.
WEST ASHEVILLE POULTRY YARD,
S. C. ALEXANDER, ASHEVILLE, N. C.

RUBBER STAMPS
AND
SEAL PRESSES
S. B. NEWMAN & CO.
KNOXVILLE, TENN.

S. C. BUFF ORPINGTONS
Prize Winners Furnished. Both Stock and Eggs for Sale.
THE LAGRANGE POULTRY FARM,
I. A. FREEMAN, Proprietor, LAGRANGE, OHIO

FOR WINNING
White Wyandottes, Brown and White
Leghorns, write
BRUCE BROS.
CRESENT, LOUISIANA

EGGS FOR SALE
from fine Buff Rocks, from the best strain
in the country at \$1.00 and \$2.00 per 15.
R. I. SATTERFIELD,
Route 5, Fairmont, W. Va.

HEWES FARM
BLACK LANGSHANS
Imported and Home Bred Stock of the
Highest Type
First Prize at Chicago, New York and other
leading shows
R. A. HEWES, CRETE, ILL.

PRIZE WINNING ORPINGTONS



FIRST PREMIUM COCKEREL at Nashville, 1908, heads a pen of eight hens that have won 20 Blue Ribbons at National Shows, as follows: 1st hen Nashville, 1st hen Columbia, 1st Pulaski, 1st Birmingham, 1st Tiffin, O., 1st Madison Square Garden, 2d hen Nashville Fair, 1st, 2d, 3d pullets Greater Nashville, 1907, 1st at Lebanon, Tenn. **ALWAYS FIRST WHERE SHOWN.** Finest strain in the South. Better Orpingtons cannot be found. :: ::

EGGS FROM EITHER PEN \$3 PER 15

MRS. S. C. BRIDGEWATER, Dixon Springs, Tenn.

HEADQUARTERS FOR POULTRYMEN

Hotel Imperial

Knoxville's Most Modern
and Up-to-Date
Hotel

LONG DISTANCE PHONES
IN EVERY ROOM

Rates : \$2.50 and up.
Rooms with Bath, \$3.50 and \$4.00
Per Day.

AMERICAN PLAN



KING EDWARD, (Imported.)
1st ck'l Tri-State Fair Memphis, '08.
1st ck'l T. Valley Fair Huntsville, '08.

"TWICKENHAM BUFFS" "THE BEST IN DIXIE"
SINGLE COMB BUFF ORPINGTONS
Pen No. 1:—"King Edward,"—"A Buff Orpington cockerel worth \$500.00," (Memphis Commercial Appeal.) He was sired by the greatest prize winning cock in England in 1907. Won 1st cockerel, Tri-State Fair, Memphis, Tenn., 1908; also 1st cockerel, Tenn. Valley Fair, Huntsville, Ala., 1908.
True Orpington shape, fine eye, glorious in color.
Mated with "King Edward" are four wonderful pullets and three superior hens.
"Lady Luttrell," a granddaughter of "Champion of England" the most famous Orpington ever known. This pullet is a marvel in color, a really ideal bird.
"Countess of Kent," a pullet sired by the 1st prize cock at Madison Square Garden, 1907. The most delicate Buff ever seen in a Southern yard.
"Lady Huntington," another daughter of two 1st prize winners at Madison Square Garden. Very strong in color and shape. Eye and comb and style superb.
"Winnie Davis," a fine bodied pullet with clear wings and striking form, also a granddaughter of 1st prize winners, Madison Square Garden.
Three hens, from winners at Madison Square and Great Eastern shows. Hens won 1st, 2nd and 3rd hens at Tenn. Valley Fair, 1908.
THIS PEN CONTAINS THE FINEST BIRDS IN THE SOUTHERN STATES.
Eggs for sale. Prices reasonable. Fertility guaranteed.
TWICKENHAM POULTRY YARD, HUNTSVILLE, ALA.

PATTERN DEPARTMENT—These seam-allowing patterns are perfect fitting, very easily constructed and of the latest design. Price 10 cents each, or we will send any two patterns free, with a year's subscription to the Industrious Hen, for 50 cents. The Hen three years and four sets of patterns for \$1.



409 Ladies' and Misses' Dressing Sacque in two pieces with a slight Empire effect. Cut in 6 sizes, 32 to 42 bust measure. Size 36, requires 3 yds. of 36 in. material.

421 Ladies' Grace Apron, has no gathers which makes it easy to launder. Cut in 3 sizes, 32, 36 and 40 bust measure. Size 36 requires 3 1/8 yds. of 27 in. material.

425 Ladies' Butterfly Waist in two pieces. Cut in 5 sizes, 32 to 40 bust measure. Size 36 requires 3 1/8 yds. of 27 in. material.

426 A Comfortable Nightgown with yoke and sleeves cut kimono fashion. Cut in 3 sizes, 32, 36 and 40 bust measure. Size 36 requires 4 1/4 yds. of 36 in. material.

429 Combination Skirt and Corset Cover fits quite closely to the figure and closes at the side. Cut in 3 sizes, 32, 36 and 40 bust measure. Size 36 requires 3 1/4 yds. of 36 in. material.

431 Ladies' Four Gored Skirt, a practical design for any material. Cut in 5 sizes, 22 to 30 waist measure. Size 26 requires 5 3/4 yds. of 27 in. material.

436 A Pretty Jumper Dress for girl's school wear. Cut in 3 sizes, 12, 14 and 16 yrs. Size 16 requires 6 yds. of 27 in. material.

438 Ladies' and Misses' French Chemise finished with scallops and buttonhole stitching. Cut in 3 sizes, 32, 36 and 40 bust measure. Size 36 requires 2 1-3 yds. of 36 in. material.

439 Ladies' and Misses' Yoke Shirtwaist for all around wear is very desirable. Cut in 5 sizes, 32 to 40 bust measure. Size 36 requires 3 1/2 yds. of 27 in. material.

440 Child's Coat Dress, a decided novelty, the buttons being in front and concealed under the center fold. Cut in 3 sizes, 4, 6 and 8 yrs. Age 6 requires 3 1/2 yds. of 27 in. material.

441 Ladies' Butterfly Dressing Sacque with extra fullness in the sleeves. Cut in 5 sizes, 32 to 40 bust measure. Size 36 requires 3 1/8 yds. of 27 in. material.

444 Child's Nightdress, easily made and practical. Cut in 5 sizes, 2 to 10 yrs. Age 6 requires 2 3/4 yds. of 36 in. material.

445 Ladies' Semi-Fitting Apron, very neat with no unnecessary gathers or fullness. Cut in 3 sizes, 32, 36 and 40 bust measure. Size 36 requires 6 1/2 yds. of 27 in. material.

446 One Piece Corset Cover particularly desirable for flouncing. Cut in 5 sizes, 32 to 40 bust measure. Size 36 requires 1 5/8 yds. of flouncing 16 in. wide.

450 Little Girl's Coat, a practical design for the cool weather. Cut in 3 sizes, 4, 6 and 8 yrs. Age 6 requires 3 1/4 yds. of 27 in. material.

452 Ladies' Front Closing Waist in new design. Cut in 5 sizes, 32 to 40 bust measure. Size 36 requires 3 1-3 yds. of 27 in. material.

453 A Ladies' Tucked Nightgown which is very practical. Cut in 3 sizes, 32, 36 and 40 bust measure. Size 36 requires 5 1/4 yds. of 36 in. material.

454 Little Girl's Frock for winter days. Cut in 3 sizes, 4, 6 and 8 yrs. Age 6 requires 2 3/4 yds. of 36 in. material.

Send orders to Pattern Department, THE INDUSTRIOUS HEN, Knoxville, Tenn.
Address, Pattern Dept., THE INDUSTRIOUS HEN, Knoxville, Tenn.

PATTERN ORDER BLANK

THE INDUSTRIOUS HEN CO., KNOXVILLE, TENN.

TEAR OFF ON THIS LINE AND MAIL TO US.

I enclose \$.....for.....years subscription to THE INDUSTRIOUS HEN. Please send patterns Nos.....as described below:

.....

.....

.....

Date.....Name

Address

Publications on Bee Culture

Gleanings in Bee Culture

A SIXTY-FOUR-PAGE SEMI-MONTHLY ILLUSTRATED MAGAZINE DEVOTED TO BEES, HONEY, and HOME INTERESTS.

Price 10c per copy; \$1.00 per year.

Gleanings in Bee Culture is the recognized leader of all bee-keepers' journals the world over. Neither in size, appearance, circulation, nor interest is there any bee-journal that in any wise approaches it. No bee-keeper can afford to be without it. It is the authority on all matters pertaining to bee-keeping, not only in this country, but elsewhere. If a bee-keeper can afford to take only one bee paper, it must be *GLEANINGS IN BEE CULTURE*, or he loses what is going on in the bee-keeping world. It has a staff of writers who cover the whole of the United States and Canada and numerous correspondents in countries beyond the seas. This gives a wide variety and insures something of absorbing interest to bee-keepers in every issue. One of its features has always been plenty of illustrations, and this gives it a beauty all its own. Though it is in the nature of a handsome magazine making periodical visits of twice a month, it costs only \$1.00 a year, so that no bee-keeper can frame an excuse for not subscribing for it.

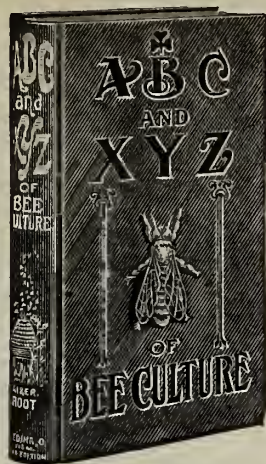
Ten of its Valuable Features:

- 1.—*It is a Question-answerer.*—Several columns are devoted to questions from bee-keepers located all over the world. Answering questions is one of the cardinal principles of our magazine.
- 2.—*It Relates Facts as They Are.*—"Gleanings" tells the truth about bees and honey. Its advice is timely, to the point, not exaggerated.
- 3.—*It Prevents Many Blunders and Disappointments.*—It earns its subscription fifty times a year by its repeated warnings where loss, inexperience, and failure would disappoint and discourage beginners in bee culture.
- 4.—*Gives Ripe Working-experience of Leading Minds.*—Our correspondents, experimentors, and contributors are actively engaged in bee-keeping, either from commercial or scientific standpoints. We can truthfully say that a brighter force of authorities could not write for any bee-journal in this or any other country.
- 5.—*It Gives Quotations of Honey Market.*—Many a "Don't-take-a-paper" bee-keeper could make fifty times the price of a trial subscription (25 cents) by selling his stock of honey at an advance, by watching quotations every fifteen day in "Gleanings."
- 6.—*It is Newsy.*—Its personals, its newsy readable, attractive articles are gathered from every point of the compass. Many of these articles are instructive; some amusing and entertaining. The Home Department, edited by Mr. A. I. Root, is full of truly helpful hints on gardening, poultry, house-plants and various wholesome hints that make home more livable and attractive.
- 7.—*Plentiful Sprinkling of Pictures.*—Every number is illustrated with zinc etchings and half-tones from photos, which brighten and illustrate the articles. Pictures of honey, flowers, advertising exhibits, honey-appliances, apiaries, designs for home-made hives, portraits of bee-people, and scores of other subjects are published.
- 8.—*Scientific Articles.*—The bee is more wonderfully constituted and her habits more fascinating and mysterious than any other creature made by the great Master-hand. Consequently, at frequent intervals, our contributors give us their deductions from their deep studies from technical and scientific standpoints.
- 9.—*Home-made Apparatus.*—Every issue of "Gleanings" tells something about new contrivances or appliances to make more money, save time, or lessen labor for beginners or the more advanced.
- 10.—*It is a Reliable Advertising Medium.*—Nothing is admitted into its columns that could contaminate children or the most conscientious reader. Liquor, tobacco, drugs, patent medicines, and the like are rigidly excluded. Every advertiser is required to be able and willing to carry out the claim of his advertisement.

The above are just a few out of scores of excellent reasons why every farmer, bee-keeper, poultryman, gardener, suburbanite, or city dweller who keeps or loves bees should subscribe to *Gleanings*.

If you will use the coupon in sending in your order for either of the above we will send you a copy of the booklet "Bees and Poultry" free

THE A. I. ROOT COMPANY, Publishers, Medina, Ohio



The A B C and X Y Z of Bee Culture

**An Illustrated Book of 536
pages treating fully of every
Phase of this Fascinating
Subject. \$1.50 Postpaid.**

The first edition of this book was compiled thirty-two years ago by Mr. A. I. Root, who stated in the preface that a great part of the book was really the work of other people, his task being more to collect, condense, verify and utilize what had been scattered through thousands of letters. Since the book first appeared it has gone through many editions, and the present edition is the outcome of many years of research and study by the leading exponents of bee-keeping in this country.

The book is profusely illustrated, with beautiful engravings and half-tones, which are more comprehensive in many instances than the text itself. There are a number of full-page half-tones, and some of the illustrations of appliances and methods have been secured at great expense. There are pictures of honey-plants, of prize honey-exhibits, of model apiaries, and of small city apiaries; in fact every subject treated is fully illustrated.

New methods are discussed and illustrated; the bee-keeper is told what to do and what not to do. The book is so well indexed that a beginner can find the information he wants without reading many pages which he does not understand, and for which he has no particular use. The advanced bee-keeper will find new methods for wax-production treated in an exhaustive manner; queen-rearing methods reviewed and new points incorporated, automatic honey extractors, illustrated and described. The subject of bee-diseases is treated fully, and the latest discoveries in this field outlined. The laws relating to bees are treated fully. Honey, sugar, nectar, and glucose are fully defined in accordance with the demands of the pure-food laws. There is scarcely a practical method or device known to the bee-keepers of this country that is not described. The authors have traveled thousands of miles in the United States with note book and camera, and have endeavored to incorporate in the pages of this volume all the latest and best practices known to professional and amateur bee-keepers.

No bee-keeper, professional or amateur, can find a book anywhere that will so well fit his every need. It is not a book to be read and put aside, but one to be kept close at hand to be referred to on every occasion. There isn't a bee-keeper but has some perplexing problem to solve; some emergency which must be met at once or a valuable honey crop lost. With the A B C at hand there is no time lost in consulting neighboring bee-keepers or writing long letters of explanation to authorities on the matter, you have all the information needed right at hand.

We want you to read the following clipped from the *Charlotte Observer*, and Mr. Jones' remarks regarding the same:

Yadkin County, N. C., to Have a Bee King.

Elkin, Dec. 2.—Mr. Geo. Jones, who lives just across the river from here, has fifty stands of bees from which he obtained this season thirty-five hundred pounds of honey, being an average of seventy pounds to the stand. This he sold at an average of sixteen cents per pound, which netted him the nice little sum of \$565. What other business pays such dividends on the small capital invested? Mr. Jones has been giving his attention to bee culture for only the past three years, but he bids fair to make it a success; and if each year increases like the one now closing, we will soon have a bee king in Yadkin County. He tells me that from one colony he gathered two hundred pounds of honey for which he got seventeen cents per pound, which figures \$34. I saw a portion of this honey as it came from the frames, and I am sure that it would bring 25 or 30 cents per pound in New York.

Mr. Jones says:

The secret of my success is, I have read 75 of A. I. Root Co.'s *Gleanings in Bee Culture* from cover to cover and also the beautiful bee book, the A B C and X Y Z. G. F. JONES.

The following are a few of many other reports from readers:

Your A B C and X Y Z of Bee Culture to hand. I was surprised to see such a nice big book. I would not part with it for \$100 if I could not get another. EMIL J. ZUNKER,

Michigan.

I received your A B C and X Y Z, and am delighted with it. It is certainly a book of inestimable worth to apiarists. M. M. BETTERLY.

PLEASE USE THIS ORDER FORM BY CHECKING IN THE MARGIN THE ITEMS WANTED:

The pamphlets and booklets listed below are of more than ordinary interest:

My First Season's Experience with the Honey-bee. By the "Spectator," of the *Outlook*, of New York. A ten-page leaflet detailing the experience of this well-known writer. You will read the leaflet through before you lay it down. Free.

The Bee-keeper and Fruit Grower. A 15-page booklet giving actual facts regarding the value of bees to fruit, and showing how bee-keeping may be doubly profitable to the fruit-grower. Fruit-growers are realizing as never before the necessity of having honey-bees in close proximity to their blossoming fruit. Free.

Bee-keeping for Sedentary Folk. A 24-page leaflet reciting the actual experiences of an amateur bee-keeper, showing what equipment is best, points derived, etc. Free.

Catalogue of Bee-keepers' Supplies. Our complete catalog will be mailed free to any address on request.

Transferring Bees. A 14-page booklet giving instructions and illustrating appliances. No need to keep your bees in old out-of-date hives when they can easily be transferred into new hives and earn profits for you. Price 10 cents.

Bee-hunting. Gives information necessary to enable one who is active and intelligent to engage in bee-hunting with success. It is well gotten up, and worth the price, which is 25 cents.

Spring Management of Bees. A 14-page booklet detailing the experiences of some successful bee-keepers, and giving instructions on this oftentimes perplexing matter. Price 10 cents.

Gleanings in Bee Culture. Our semi-monthly magazine described elsewhere on this page. Price \$1.00 per year; 25 cents for six months' trial subscription.

The A B C of Bee Culture. The most complete book ever written on the subject. Read full description on this page. Price \$1.50, postpaid. German edition, \$2.50, postpaid.

Habits of the Honey-bee. By Dr. E. F. Phillips. A somewhat scientific handling of the habits and anatomy of the bee. Price 10 cents.

Bees and Poultry. A 16-page booklet showing how well these two industries dovetail, and why every poultry-man should be a bee-keeper. Price 10 cents.

The A. I. Root Co., Medina, O.;

Please send me the items checked above; also booklet "Bees and Poultry," free. I inclose \$.....to cover the cost.

Name

Street Address or R. F. D.

Town

I. H. State

CLASSIFIED ADVERTISEMENTS

20 words or less, one month, 50 cents. For additional words over 20, add 2 cents per word. 20 words or less, three months, \$1.00. For additional words over 20, add 3 cents per word. For ads to run more than three months, the rate is 1½ cents per word per month. No ad accepted at this rate for less than 30 cents per month. A small cut illustrating a card of 20 words or more will be used for 50 cents extra.

Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and CASH MUST INVARIABLY ACCOMPANY THE ORDER. Forms close on 25th of month preceding date of issue.

THE INDUSTRIOUS HEN will be sent free as long as your ad runs, and if you will add 25 cents to the price of ad we will send you the paper for one year from date your ad expires.

ANCONAS

MOTTLED ANCONAS—Eggs \$2.00 for 15 from prize winners. Wm. McElfresh, Trimble, R. 1 Ohio. 59

CHOICE ANCONAS, ANDALUSIANS AND Barred Plymouth Rocks from bred-to-lay strains and prize winning stock. Eggs \$1.50 per 15. H. L. Johnson, LeRoy, New York. 59

ANDALUSIANS.

BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners 1908. Eggs 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 67

BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs, S. C. White Leghorns and Rouen Ducks. Ribbon winners. Score to 95 1-2. Stock and eggs. H. R. Birchett, Lebanon, Tenn. 66

BANTAMS

BUFF COCHIN BANTAMS—Exclusively—The Lemon Buff Strain desired by all exhibitors—surface and under Buff. 61 ribbons in four shows—more than all competitors. Great layers, fine shape, very small. A square deal or your money back; honor more than gold. Eggs \$1.50 per 15. Stock for sale. Pryor's Bantam Yards, E. E. Pryor, Prop., Martinsville, Ind. tf

BRAHMAS

LIGHT BRAHMAS AND BARRED Plymouth Rocks. Eggs \$1.50 per 15. Mrs. W. M. Osgan, Lebanon, Tenn. 62

FINE THOROUGHBRED farm-raised Light Brahma cockerels \$1.50, \$2.00 each. Pullets \$1.25. Eggs \$1.50, 15. Thirty, \$2.60. Mrs. J. M. Whaley, Sharpsburg, Ky. 59

BUCKEYES

BUCKEYES—Useful and beautiful beyond compare. Garnet Range, Shelbyville, Kentucky. 61

BUCKEYES, eighth year; Banner Reds, premier utility breed; winners Hamilton 1908, Cincinnati, 1907-8-9. S. G. Dunning, Camden, Ohio. 59

DOGS AND CATS

SCOTCH Collie Pups for sale, of the best blood in America and from Imported champion and prize winning stock. Tricolor and sable and white from \$10 to \$25 each. Knox Collie Kennels, Knoxville, Tenn. tf

DUCKS AND GEESE

MAMMOTH PEKIN DUCKS—Prize winners; Rankin strain \$1.00 each; eggs \$1.00 per 12. Albert M. Davidson, Wartrace, Tenn. 60

MAMMOTH PEKIN DUCKS, Rose Comb Brown Leghorns; big winners State Show, etc. Eggs \$4-\$5 per 100. Unexcelled show stock; \$2.50 setting. Oscar Wells, Farina, Ill. 62

INDIAN RUNNER DUCKS—Cook strain direct; line bred; fancy fawn and white; great show and heavy egg records; eggs for sale; prices reasonable; free circular. J. R. Durrett, Springfield, Ky. 63

GAMES.

B. B. RED GAME BANTAMS for sale—Eggs from my prize winners, \$3.00 per 13. Won 1st on cockerel, 1st on hen and 1st and 2d on pullets at Chicago show, Dec., 1908. A few fine cockerels and cocks for sale. C. L. Cross, Riverside Ills. 61

HAMBURG

SILVER SPANGLED, GOLDEN PENCIL, ed; Blue Ribbon winners. Chicago, Blue Island, Elgin. Eggs \$1.50 to \$2.50 per 15. Van Reenen, 6438 May St., Englewood, Ill. 63

HOUDANS.

PRIZE WINNING HOUDANS—Winning at Rochester and Buffalo 1909. Send for circular. Albert F. Stoddard, Elkland, Penna. 60

INDUSTRIOUS HOUDANS—The great egg machines. Write for my circular. It tells all about the grand birds. A postal gets it. Alphon A. Chiverton, Livermore, Ky. 62

FAMOUS HOUDANS. Blue ribbon getters and egg makers. Day-old chicks for sale from February until November. Satisfaction guaranteed. Prospect Poultry Farm, Box 15, Orleans, Indiana. 59

HOUDANS OF QUALITY. Winners Chicago, Indianapolis, St. Louis, Nashville, Boston. Largest Houdan farm in America. Highest egg records. Cockerels, eggs. Catalog. Dr. Taylor, Orleans, Ind. 60

HOUDANS EXCLUSIVELY—High Grade Eggs, one half former years prices, from egg bred stock. Day old Chicks with perfect fifth toes, crest and beard. Our customers' winnings, the largest shows. Our show record, the kind we like. Send for testimonials, etc. A. E. Jones, Elkland, Pa. tf

INDIANS.

MY PURE WHITE INDIANS are a good, all-purpose, money breed. Stock and eggs. Money back if not pleased. M. E. Kennedy. R. 3. Temple, Ga. 64

LANGSHANS

BLACK LANGSHANS.—Will sell Black Langshan eggs from stock bred from prize winners \$1.50 per setting. Elmer Taylor, Bardwell, Ky. 63

WHITE AND BLACK LANGSHANS. Winners at the great Louisville shows. Have none but winners in my breeding pens. Great winter layers. Eggs, \$3 per 15. E. A. Flora, Mauckport, Ind. 65

LEGHORNS.

FORDS' BRED-TO-LAY Rose Comb White Leghorns. Eggs \$1.50 per setting. Ford Brothers, Corryton, Tenn. 59

SELECT SINGLE COMB BROWN Leghorn eggs at \$2.00 per 15; either cockerel or pullet breeding. C. E. Pittman, Commerce, Ga. 60

S. C. WHITE AND BROWN LEGHORNS' eggs; pure stock; one to two dollars per setting of 15 eggs. I. N. Grubbs, R. F. D. No. 2, Afton, Tenn. 59

LEGHORN POULTRY FARMS, both White and Brown Single Comb. Eggs \$1.00 per 15. Good hatches guaranteed. J. W. Shelton, Larkensville, Ala. 60

"THE WINNING KIND." Rose Comb White Leghorns. Bred to lay. Utility Cockerels one fifty each. Fries Poultry Yards, R. F. D. No. 2, Warsaw, Indiana. 61

WHITE ROSE COMB LEGHORNS—Black Java, Rose Comb White Wyandottes, Buff and Black Orpington; eggs \$1.25 per setting. Chas. E. Herd, Middleboro, Ky. 61

SINGLE COMB BROWN Leghorn and B. P. Rock eggs for sale; \$2.00 per setting of 15 eggs; best laying strain. A. F. Dennie, Warren, Tenn. 61

SINGLE AND ROSE COMB BROWN Leghorns—Separate farm raised. Royal White Wyandotte chickens' eggs \$1.00 per 15. Mrs. A. T. Harmon, Orleans, Ind., Route 3. 69

SINGLE COMB WHITE AND BUFF Leghorns and Black Minorcas. Eggs balance of season \$1.25 per 15. Fertility and quality guaranteed. J. B. Gravlee, Millport Ala. 59

SCORE 96. BUFF LEGHORN PULLET. Highest scoring bird in Bristol show. "A gem for shape and color," said Judge Drenstedt. Winners wherever shown, and everlasting layers. Also White Rocks and Indian Runner Ducks. Eggs \$1 and \$2 per setting. Get the best. Circulars free. J. N. Coffman, Edinburg, Va. 60

SINGLE C. Brown Leghorn hens \$1.00; ckls. \$1.50 and \$2.00. Eggs \$1.50 for 15. Single C. Rhode Island Reds, ckls. \$2.00. Eggs \$2.00 for 15. Ida R. Berry, Corinth, Miss. 60

EXTRA QUALITY Single Comb Brown Leghorns; cockerel, \$2.00; cockerel and three pullets, \$5.00; eggs \$1.25 for 15, \$2.00 for 30. K. W. Baber, Richmond, Va., R. F. D. No. 6. 60


S. C. BROWN LEGHORNS, Chicago, Elgin, Rockford and Rochelle winners. Eggs \$1.50 to \$4.00 per 15. Send for list of matings and winners. F. Risdon, Dept. I, Elgin, Ill. 59

SINGLE COMB BUFF LEGHORNS—Solid buff, prize winners. Eggs \$1.50 per 15; fertility guaranteed. Tazewell Poultry Yards, Pekin, Ill. Members. Am. Buff Leghorn club. 63

THORNBURG'S BROWN LEGHORNS are winners again. Show record; mating list free. 15 eggs \$1.50. Rose Comb Red eggs \$1.00. D. S. Thornburg, Cherryville, North Carolina. 62

ROSE COMB BROWN LEGHORNS—Won all firsts at Salem Poultry show; eggs from pen scoring from 93 to 95 for \$2.00 per 15; some good cockerels left. C. J. Newby, Salem, Indiana. 59

SINGLE COMB WHITE LEGHORNS—Exclusively; bred to win and lay; chalk white, large, strong and vigorous; eggs \$1.00 per setting of 15. Edward Montgomery, Knoxville, Tenn. 61

 HAYES' SINGLE COMB WHITE Leghorns; greatest egg producers and prize winners; eggs \$1.50 and \$2.00 per 15; guaranteed to hatch. C. S. Hayes R. 12, Knoxville, Tenn. 60

SINGLE COMB WHITE LEGHORNS:—Score to 96; best layers and best payers in existence; all pens headed by Chicago winning stock; eggs \$1.00 per 15; \$5.00 per 100. Oak Grove Poultry Yards, Trimble, O. 61

SINGLE COMB WHITE LEGHORNS. Wyckoff strain exclusively for six years. Positively no inbreeding; new blood from headquarters this year; eggs one dollar for fifteen. Cotton Valley Farm, Tarboro, N. C. 60

DROP W. S. KING, LONOKE ARK., a postal for his low prices on eggs from Single Comb White Leghorns that are bred for beauty and heavy egg producers. There is none better in the South. Photograph and mating list free. Also Collie Dogs. 61

HENDERSON'S BROWN BEAUTIES ARE prize-winners and great layers. Can ship eggs anywhere; hatch well; chicks easily raised; party in Missouri hatched 24 chicks from 26 eggs in incubator; shipment January, 1909. Circular free. J. H. Henderson, Knoxville, Tenn. Brown Leghorns exclusively. tf

MINORCAS

EGGS \$2.00 PER 13 from Rose Comb Black Minorcas, Northrup Strain. C. L. Cross, Riverside, Ills. 61

ROSE AND SINGLE COMB White Minorcas, 1st Madison Square, 1st, 2nd, 3rd, 4th and 5th, Chicago. Stock and eggs for sale. Catalogue free. J. J. Hurlbert, Morrison, Ill. 61

SINGLE COMB BLACK MINORCAS—Bred for large white eggs and many of them. Illinois and Indiana State Championship Prize Winners. Mating list and eggs ready for delivery. Chas. G. Pape, Ft. Wayne, Ind. 60

S. C. BLACK MINORCAS. Won premiums at big Southern shows; standard weight females mated to grand males; one a medal winner. Eggs \$3.00 for 15. Mrs. W. S. Porter, 1908 Russell St., Nashville, Tenn. 60

MEISELBACK'S WHITE MINORCAS have won more prizes at New York and Chicago shows than all competitors combined. Choice females and eggs for sale. Circular tells it all! Harry C. Meiselback, Melrose Park, Ill. 60

ROSE COMB BLACK MINORCAS—Eggs from winners Indianapolis, Toledo, Tri-State; Hatch guaranteed. Ben Neiman, Fisher's, Indiana. 61

BENT'S BLACK MINORCAS, S. & R. C.—Madison Square, Boston, Buffalo, N. Y., State Fair winners; eggs, (guaranteed); stock, incubator chicks and 8 weeks' old pullets. Box 8, Antwerp, N. Y. 61

ORPINGTONS

THIRTY ACRES devoted to prize winning Buff Orpingtons. 15 eggs \$2.00. J. Lum Abell, Lebanon, Ky. 60

S. C. BUFF ORPINGTONS—Pure Cook strain; beauties; lay all time; eggs 15, \$2.50; 30 for \$4.00. W. A. Garland, Hendersonville, N. C. 61

SINGLE COMB BUFF ORPINGTON eggs \$2.00 per 13; fine layers, beautiful birds, none better. Mrs. Georgia West, R. 6, Morristown, Tenn. 63

SINGLE COMB BUFF ORPINGTONS—Exclusively. Large birds, good color. A limited lot of eggs for sale. \$3.00 for 15. F. M. Fravel, Woodstock, Va. 60

FOR THE BEST Orpingtons, any of the varieties, you must send to the originators who naturally have the best. Wm. Cook & Sons, Scotch Plains, Box F, N. J. 60

S. C. BUFF ORPINGTONS—Pure Cook strain—beauties—lay at all times—eggs 15, \$2.50; 30, \$4.00. Guaranteed fertile. W. A. Garland, Hendersonville, N. C. 62

CRYSTAL WHITE and Buff Orpingtons. Over fifty prizes this season. Eggs \$2.00 to \$5.00. Baby chicks, twenty to thirty cents. Catalogue free. Goodes & Parmer, Marcellus, Mich. 61

S. C. ORPINGTONS AND LEGHORNS, White, Black and Buff. Winners head my yards. \$1.00 to \$3.00 per 15; \$5.00 to \$10.00 per 100. Satisfaction guaranteed. J. J. W. Mays, Lynchburg, Va. 68

EXPRESS PREPAID on eggs of our grand Crystal White S. C. Orpingtons; Eggs, \$3.00 and \$5.00 per 15. White Wyandottes, best in Iowa; Eggs \$3.00 per 15, \$12.00 per 100. Snowflake Poultry Farm, Oskaloosa, Iowa. 60

SINGLE COMB BUFFS EXCLUSIVELY. Six years breeding. Fancy and Utility combined. Trap-nest System. Eggs from Exhibition Winners. Mating list mailed. Park View Orpington Yards, H. H. Marsh, Wheeling, W. Va. 60

VASS' BUFF, BLACK AND WHITE ORPINGTONS acknowledged world best. Winners World's Fair, Chicago, Boston, Madison Square Garden, Jamestown Exposition, etc. Over 1,200 prizes won. Eggs and stock for sale. Booklet free. C. E. Vass, Washington, N. J. 59

SINGLE COMB BUFF AND BLACK ORPINGTONS—Largest and best breeder of Orpingtons in the West. I always capture first prizes at New York, Chicago, Cleveland and Indianapolis. Eggs \$3.00 per 15. Mating list giving complete winnings, photos., etc., free. Will H. Schadt, Goshen, Ind. 60

PIGEONS

PIGEONS of all known varieties, any quantity. Prices quoted to those stating wants. Wm. A. Bartlett, Box 10, Jacksonville, Ill. 59

WANTED: 5,000 common or homer pigeons. Pay at least 25c. pair. Highest prices for Guinea Fowls, live Rabbits and Guinea Pigs. T. Gilbert, 1128 Palmer Street, Philadelphia, Pa. 61

52 PRIZES ON HEAVY SQUAB STOCK at New York, Boston, Buffalo shows. Illustrated price list on youngsters, and all kinds of supplies, 5c. Pigeon Dept., Hillhurst Farm, Orchard Park, N. Y. R. 9. 61

I OFFER guaranteed mated Homers in any quantity at \$1.00 pair and challenge Squab Companies or dealers to produce better stock at twice this price. Beautiful White Homers, \$1.50 pair. "Charles Q." Gilbert, 1563 East Montgomery Avenue, Philadelphia, Pa. 61

PIGEONS—High class mated, pure straight Homers, colored and clear white. Extra large, fine birds. Red carneaux, the equal of any and better than many. All mated, banded, working and under two years old. Large or small quantities. E. E. Pryor, Martinsville, Indiana. tf

REDS.

ROSE COMB Rhode Island Reds, eggs 15, \$2.00. E. B. Summers, Williston, Tenn. 59

SINGLE COMB Rhode Island Reds. Fred Ward strain. Young stock for sale. Eggs, 15 for \$1.25. Mrs. W. S. Stockwell, Dade City, Fla. 60

SINGLE COMB RHODE ISLAND REDS. Tompkins strain, eggs \$1.00 and \$1.50 per 15. Satisfaction guaranteed. Isaac H. Painter, Chrisney, Ind. 60

FOR SALE. S. C. Rhode Island Reds, 50 cockerels \$2.00 and \$3.00 each; eggs in season \$2.50 and \$5.00 per 15. Samuel McLaughlin, Leeds, Ala. 60

FOR SALE—Rose Comb Rhode Island Reds and Single Comb Buff Orpingtons, Standard bred, raised on separate farms. Rhoda Maddox, Liva, Ky. 59


SINGLE COMB R. I. REDS—High scoring birds; stock and eggs for sale; eggs \$2.00 per 15; \$3.50 per 30. Fleming's Drug Store, McMinnville, Tenn. 63


SAY! DON'T SEND STAMPS for my mating list. Just say, I want to know more about the best Rose Comb Reds in Ohio. F. H. Chase, Box H, Cardington, O. 62

EGGS. S. C. R. I. Red eggs. Yards again mated for the season. Prices right, stock pure. Catalogue now ready. Breed Reds only. Edw. F. Doerr, Joplin, Mo., R. 4. 59

EGGS FOR SALE—\$2.00 for 15, from prize winning strains of pure bred, farm raised S. C. Rhode Island Reds and S. C. Buff Orpingtons. J. H. Wilkes, Nashville, Tenn. 60

HIGH GRADE Rhode Island Reds, S. C. Buff Orpingtons, White Wyandottes, Eggs from \$1 to \$5 per 15. Mating list free. The Ideal Poultry Plant, Tullahoma, Tenn. 62

 **EGGS FROM BRED TO LAY AS** well as pay. S. C. Rhode Island Reds, 15, \$1.50; Barred Rocks, 15, \$1.25. Orders solicited. L. K. Russell, Palmyra, Tenn. 66

 **ROSE AND SINGLE COMB RHODE** Island Reds—Famous DeGraff strain. Young stock for sale. Eggs \$1.00 to \$2.00 per setting. L. G. Gott, Washington College, Tenn. 62

RED EGGS from Red hens (S. C. R. I. Reds). Matings by ourselves, DeGraff and Lansden. No better stock. Fifteen eggs for two, three and four dollars. Fulton Hill Yards, Birmingham, Ala. (Route 7.) 61

SINGLE COMB RHODE ISLAND REDS—Carefully selected; correct type; right color; reasonable prices. Utility and prize winners. Stock and eggs for sale. Everything guaranteed. Brooks Poultry Farm, Fort Deposit, Ala. 63

FOR SALE—Eggs from a strain of S. C. Rhode Island Reds that are Red, that will lay and win in the shown room. 1st pen \$2.00; 2nd pen \$1.25 for 15. Gainesville Poultry Yards, C. A. Dobbs, Prop., Gainesville, Ga. 60

ROSE COMB Rhode Island Reds, winners at Jamestown exposition, New York, Boston, Philadelphia, Trenton, and wherever shown. Eggs for hatching. Send for circular showing matings and winnings. Louis Anderson, Bloomsbury, N. J. 60

EGGS FOR HATCHING—Single Comb Rhode Island Reds only. Winners wherever shown. Tompkin's strain, limited number. Carefully mated; correct type; right color; price low; quality high. Eggs \$2.00 for 15. H. H. Roberts, Frankfort, Ky. 61

WILLIAMSON STRAIN ROSE COMB Rhode Island Reds. Prize winners in America's leading shows. Quick growers, vigorous and heavy layers. Eggs for hatching from select exhibition matings \$1.50 per 15. Williamson Farms, Mattoax, Va. 59

"RED CHIEF" STRAIN ROSE COMB Reds—our yards contain stock that has won leading prizes at Chicago, New York, Boston, Jamestown and other shows, also parents of some famous winners. We are winning today—not advertising on an old record. Write for free booklet. Eggs. Fred D. Ewell, R. 3, Wheaton, Ill. 61

SEWARD'S tried and proved utility and exhibition Rhode Island Reds. Winners of 1st, 2nd, 3rd, 4th, 5th prizes in Cleveland shows 1906, 1907, 1908, 1909. I hatch and raise my own winners. Housing capacity 500 layers, unlimited range. Eggs per 15, \$1.50 to \$10.00. Incubator eggs, \$8.00 per 100. Guaranteed absolutely to hatch satisfactorily. Myron B. Seward, Euclid, Ohio, near Cleveland. See Illustration page 709. 59

WARES S. C. REDS won 1st Pen Color Special and Silver Cup for best display at Charlotte, N. C., Jan., 1909. Three special pens mated. R. E. Ware, Shelby, N. C. 59

ROCKS.

FOR SALE: Barred Plymouth eggs from prize stock. Thos. E. Wilson, East Nashville, Tenn. 59

BARRED ROCKS—Eggs \$2.00 for 15, from Prize winners. Wm. McElfresh, R. 1, Trimble, Ohio. 59

BARRED ROCK EGGS—From extra fine birds \$1.50 setting. Poland China hogs a specialty. Mrs. Walter Ayer, Chrisney, Indiana. 59

FOR SALE: White and Columbian Plymouth Rock cks. \$3.00 to \$5.00. Eggs, \$3.00 per 13. Ed. Harris, Decatur, Ill., Macin, Co., R. No. 5. 67

BARRED ROCKS—White Wyandottes and S. C. Brown Leghorns; eggs \$1.00 per 15. Satisfaction guaranteed. F. B. Cole & Bro., R. 7, Newbern, Tenn. 61

CLOSING OUT Entire stock of Buff Plymouth Rocks, including all prize winners, must be sold at once at a great sacrifice. Bonnie View Farms, Burlington, N. C. 59

BUFF ROCKS as good as the best. Winners at Streator, Fairbury, McNabb, Dwight and Kankakee. Eggs at reasonable price. Circular free. Orange W. Wills, Manville, Ill. 64

BUFF AND BARRED ROCK. Eggs \$1.00 per 15. Our Buffs won four 1st, one 2nd at Creathersville, Ind., in strong class. Write James Marsh, R. 1, Seymour, Ind. 60


DIRECT E. B. Thompson Ringlets. Thoroughbred Barred Plymouth Rocks exclusively. Splendid layers, enormous sized beauties. Eggs \$1 per 15. Mrs. Walter Lee, R. 2, Harriman, Tenn. 59

A SPECIALTY of Fishels, White Plymouth Rocks, unsurpassed for utility and beauty. References and prices upon application. Plainview Poultry Farm, Fairburn, Ga., Route No. 2, box 19. 60


EGGS GUARANTEED TO HATCH RIGHT from Barred Plymouth Rocks that are bred right. \$2.00 for 15; \$3.00 for 26. Greatest winning strain in America. Circular free. Wm. H. Cyphers, Route 5, Washington, N. J. 59

\$1.00 & \$1.50 PER FIFTEEN, \$4.50 PER hundred. Eggs for hatching. From very high grade bred to lay Barred Rocks and Single Comb White Leghorns. Satisfaction guaranteed. Cedar Hill Poultry Farm, James River, Va. 59

EGGS FOR SALE. From exhibition Barred Plymouth Rocks (Thompson, Gardner-Dunning and Hawkins strains); also from S. C. White Orpingtons (direct from Wm. Cook). Write for prices and mention **INDUSTRIOUS HEN**; satisfaction guaranteed. A. J. Cheek, Henderson, N. C. 62

 **W. A. DODGION'S** Prize Winners, high class Barred Plymouth Rocks, White Wyandottes, Buff Orpingtons and S. C. W. Leghorns. Stock and eggs for sale. Satisfaction guaranteed. Write your wants to W. C. Dodgion, James River, Va. 65

TURKEYS.

 **"MAMMOTH Bronze Turkeys."** A nice lot of young turkeys for sale. Write your wants to Mrs. J. J. Holman, Mulberry, Tenn. 59

WYANDOTTES

BUFF WYANDOTTES—Stock or eggs. J. M. Workman, Burlington, N. C. 69

WHITE WYANDOTTES. Stock and eggs from prize winners. Leonora Wright, Hendersonville, Tenn. 59

COLUMBIAN WYANDOTTES FOR SALE quick at a sacrifice. Eggs by the 100. J. W. Brinser, Manchester, Va. 60

GOLDEN WYANDOTTES—Best Kentucky and Illinois strains; eggs \$1.50 per 15. Rezner Orr, Lewisburg, Tenn. 59

WHITE WYANDOTTES, Duston. 15 eggs, \$2.00; from prize winners; winter layers. F. L. Ballard, Lebanon, Ky. 60

COLUMBIAN WYANDOTTES. Eggs from my winners at Charlotte and Monroe, reasonable; stock also. P. L. Hennessy, Shelby, N. C. 60

COLUMBIAN WYANDOTTES. Eggs in season from prize winners. \$2.00 per setting. E. H. Adams, Outwood, Pa. 59

EXTRA FANCY COLUMBIAN WYANDOTTES. Eggs from specially mated pens, \$3.00 per 15. Only one breed. P. D. Henry, Oakland, Tenn. 59

COL. WYANDOTTES—Black Langshans are silver cup winners. Write for show record and egg prices. I furnish stamps for reply. M. B. Shaw, Cardington, O. 60

FOR SALE: White and Columbian Wyandotte eggs. Also a fine lot of Columbian Wyandotte cks, \$3.00 to \$5.00. John Harrison, Decatur, Ill., R. R. No. 2. 67

ELMER GIMLIN, Taylorville, Ill., White Wyandotte specialist. Exclusive business. Duston strain. Stock \$2 each. 15 eggs \$1; \$3 per 50. \$5 per 100. Catalogue free. 62

WYANDOTTES—Silver, Golden, White and Black. Winners of 300 premiums at New York and Chicago. Eggs \$3 per setting. Circular. Ira Keller, Prospect, Ohio. 64

MARLOW'S SILVER LACED WYANDOTTES—Winning 9 firsts and five seconds during 1908. Eggs \$1.50 per 15; \$4.00 per 60. J. C. Marlow, Pinckneyville, Illinois. 61

EGGS GUARANTEED TO HATCH RIGHT from White Wyandottes that are bred white and stay white. \$2.00 for 15; \$3.00 for 26. Circular free. Wm. H. Cyphers, Route 5, Washington, N. J. 59

DUSTON'S WHITE WYANDOTTES—and Wyckoff's S. C. W. Leghorns; birds of quality direct from originators; heavy egg producing strains; eggs \$1.50 per 15. Mrs. Harry Covington, Guthrie, Ky. 60

PARTRIDGE, SILVER PENCILLED AND Columbian Wyandottes. The best in America. Bred by the Old Reliable Wyandotte breeders. Send for circular. Carver & Avey, Columbia City, Ind. 63

PARTRIDGE WYANDOTTES—Egg laying and prize winning strain. For utility and beauty they have no equal. Prize winners in every pen. Eggs two to five dollars for fifteen. Write for catalogue. R. J. Sawyer, Menominee, Mich. 59

WHITE WYANDOTTES—Exclusively; flock headed by a typical, high-grade show bird; one year old hens selected according to Standard requirements; eggs \$2.00 per 15; satisfaction guaranteed; correspondence solicited. R. L. Cole, R. 7, Newbern, Tenn. 59

IDEAL POULTRY AND STOCK FARM. White and Silver Laced Wyandottes, specialties, Barred Rocks, Light Brahmas, Brown and White Leghorns, Rose Comb Rhode Island Reds, Black Minorcas, Mammoth Pekin Ducks, 15 eggs for \$1.00; cockerels \$1.00 and \$2.00. Large English Berkshire Pigs, pedigreed, \$5. Why pay a big price when you can get just as good for much less? Sales last year over \$900.00. Satisfaction guaranteed. C. E. Smith, Afton, Tenn. 60

MISCELLANEOUS

BUCKEYE REDS—White, Crest, Black, Polish. Good Layers. 15 eggs \$2.00. G. L. Porter, Mitchell, Ind. 60

PARTRIDGE COCHIN EGGS FOR SALE two dollars per setting. Mrs. Mildred Harris, South Berlin, Tenn. 60

QASH PAID FOR PEA FOWL, Pekin Ducks, Embden Geese, and Eggs of these birds. Stamped Envelope for reply. Fairacres Farm, De Tour, Mich. 60

HILLSIDE POULTRY YARDS. Eggs that hatch. R. C. R. I. Reds, Silver Penciled Plymouth Rock, Buff Orpington, Buff Leghorn. Mrs. J. H. Browning, Judsonia, Ark. 60

EGGS—From Rhode Island Reds, Barred Rocks, Brown Leghorns, White Wyandottes, \$2.00 per 15. Will duplicate all that don't hatch. W. B. Gooch, Pocahontas, Tenn. 61

BEAR CREEK POULTRY YARDS—Ort Bros., Proprietors, Route 1, Culleoka, Tenn.; Buff and Black Orpingtons, Partridge Wyandottes, Brown Leghorns; eggs \$1.00; none better in country; write us. 60

WANT A SETTING OF EGGS FREE—Your choice of almost any variety from thorough bred stock by securing a few subscriptions to Poultry Post at 25 cents per year. Particulars free. Address, Post Publishing Company, Goshen, Ind. 60

POULTRY, STOCK PRINTING. 100 extraordinary envelopes, noteheads, cards, circulars, postcards, 40c; 250, 75c; 500, \$1.25; 1000, \$2.10; postpaid. Catalogues, wedding invitations, everything. Standard engravings. Samples. Model Printing Company, Manchester, Iowa. 60

SALESMEN WANTED.

We want salesmen who are experienced in selling poultry foods and stock foods. Apply promptly while we still have unoccupied territory.

HEN-ETA BONE CO.
59 Flemington, West Va.

Eggs S. C. R. I. REDS Eggs

My Reds are far superior to any I have ever had. Large, vigorous, fine colored.

Eggs from Pen No. 1, \$2 per 15
Pen No. 2, \$1.50 per 15.

Also a few good breeders for sale.

ROSE WALLACE, Dixie Poultry Yards
HARRIMAN, TENN.

SPECIAL TO BREEDERS !

Under this department, name and address, in one line, will be inserted under choice of breeds at 25c for each insertion; \$1.25 for six months, or \$2 for twelve months. Cash to accompany order.

Barred Plymouth Rocks

M. L. Dameron, R. 1, Natchez, Miss.
Mrs. Ora M. Huie, R. 5, Newbern, Tenn.

R. C. Brown Leghorns

Mrs. Laura A. Bryan, R. 9, Lebanon, Tenn.

R. C. Rhode Island Reds

E. W. Allen, West Nashville, Tenn.
Mrs. C. J. Wallace, R 2, Calvert City, Ky

S. C. Rhode Island Reds

A. J. Stanbery, Newport, Tenn.
Mrs. R. K. Hunt, Beech Grove, Tenn.
Thos. E. McLean, 987 Luttrell St., Knoxville, Tenn.

Scotch Collie Dogs

Knox Collie Kennels, Knoxville, Tenn.

Mammoth Bronze Turkeys

W. R. Brakebill, R. 3, Knoxville, Tenn.

White Holland Turkeys

A. S. Bell, R. 13, Knoxville, Tenn.

White Wyandottes

Elbert White, Whitesburg, Tenn.

THE WALLACE S. C. Brown Leghorn

Winners and Layers

Winning at Whitfield County Fair, October, 1908, 1st cock, 1st and 2nd hen, 1st and 2nd pullet, 1st and 2nd cockerel, Julian McCamy, Judge. If you want something good in Brown Leghorns write me for free mating list.

Joe L. Wallace, Dalton, Ga.

FOWLER'S CHAMPION BUFF PLYMOUTH ROCKS

ARE THE ACKNOWLEDGED CHAMPIONS

Exhibited by me personally, they have won seven times as many first and second prizes as all competitors combined. In the hands of customers they have won first and special prizes at the leading shows of the country, and this year won the Championship Cup of America for best cock, hen, cockerel and pullet, defeating Jamestown, Indianapolis, Philadelphia and Madison Square Garden, N. Y., first prize winners. Eggs, \$5.00 per fifteen; \$9.00 for thirty. If you want birds of this kind, order direct from headquarters.

G. W. FOWLER

Box 2003

SMYRNA, GEORGIA

WILLIAMS'

S. C. RHODE ISLAND REDS

(Exclusively.)

Winners Wherever Shown.

Pen No. 1 is headed by one of the best cockerels that I ever saw, and is especially strong in color, type and vigor. Mated to him are three hens and five pullets that are equally as good, of exceptional good shape and color. I expect grand results from this mating.

Pen No. 2 is little below the standard of Pen No. 1, containing cockerel scoring 93½, mated to three hens and seven pullets averaging 92½.

Eggs from Pen No. 1, \$3.00; from Pen No. 2, \$2.00.

L. A. WILLIAMS, Ripley, Tenn.
Member Rhode Island Red Club of America.

SEND HOPE'S FREE CATALOGUE FOR OF HOLIDAY JEWELRY

Profusely illustrated, showing the newest and richest creations in Gold, Gem-Set and Tennessee Pearl Jewelry, Watches, Cut Glass, Sterling Silver and other fine gift wares. It's free on request. Hundreds of persons throughout the South satisfactorily deal with us, and we want YOU to be one of our patrons.

Wedding Invitations richly engraved in our own plant.

Send us your Fine Watches to be repaired.

HOPE BROS. JEWELERS, 519 Gay Street
KNOXVILLE, TENNESSEE



No! They're NOT all Alike

Don't let your dealer tell you that all insect destroyers are alike, for they're not. Some kill lice; others kill mites. Some are effective in one locality, but worthless in another, and *vice versa*. But

Lee's Lice Killer

is effective any time or place. It kills them all—lice, mites, jiggers, bedbugs—vermin of every description, whether on the fowl or in the poultry-house.

No dusting, handling, dipping or greasing, if you use LEE'S. Just paint or spray the roosts and walls. That's all! No individual treatment of fowls. Never buy the "just as good" kind there isn't any. Get the best—LEE'S. Yellow cans and labels. If your dealer can't supply you we will send you a gallon, express prepaid, for \$1.25, and one of our Egg Records, free.



| | | |
|-------------|---|--------|
| Quart | • | \$0.35 |
| Half-gallon | • | .60 |
| Gallon | • | 1.00 |

We have, on the Mandy Lee farm, more than a thousand of the hardiest, handsomest, whitest, best-laying S. C. W. Leghorns to be seen anywhere, much of it high-scoring exhibition stock.

Some of our breeding pens do not contain a bird scoring less than 96 pts. We haven't a surplus cockerel.



One of our 96½ pt. Pullets
A first-prize winner

but have a few hens and pullets that can be bought at reasonable prices, and can furnish eggs at from \$1 to \$5 per sitting of 15.

Write for our mating circular.

Illustration above will give some idea of what may reasonably be expected of eggs from any of our pens.

Address, GEO. H. LEE Co., 1136 Harney St., Omaha, Neb.

Save the Chicks



Are you one of the many who can hatch chicks, but cannot raise them? More chicks die from Bowel Complaint and Cholera than from all other diseases combined, and yet these diseases can be prevented and cured by proper use of

GERMOZONE

the biggest seller in poultry medicine ever placed on the market.

Germozone is a tonic; a bowel regulator; the best cure for Bowel Complaint, Roup, Cholera, and other poultry diseases. Most of these troubles originate from colds or some internal disorder, which, if taken in time can be quickly cured, but if neglected will frequently result in loss of the entire flock.

Germozone goes to the seat of the trouble and, unless the disease is in its last stages, usually effects a speedy cure and with absolutely no injurious after effects. Germozone is not the product of a minute but the result of years of labor in preparing a medicine for a specific purpose. Its great reputation—its general use among poultry-raisers the world over—proves its value. BUY IT ON OUR GUARANTY. (Either tablet or liquid.)



Price, 50 cents.

USE FIRELESS BROODERS

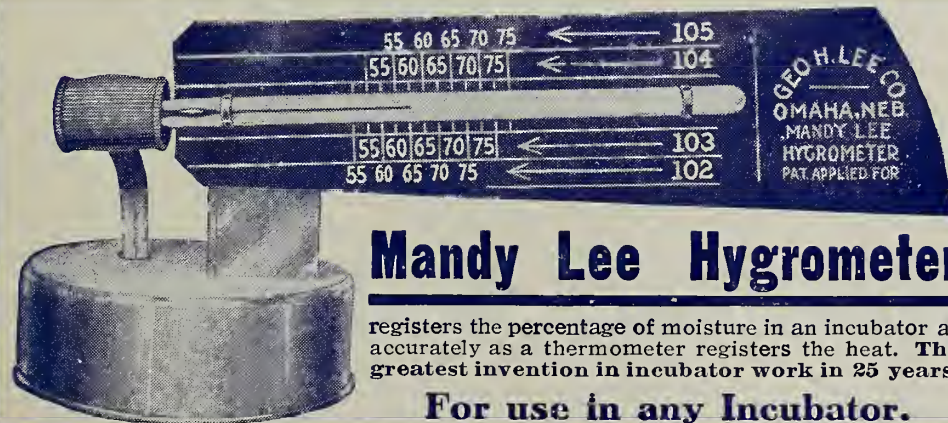
The ones that raise more, better and stronger chicks; no dirty, smoky lamps; no danger from fires; the kind that is replacing the old-style brooders on the best poultry farms everywhere.

Lee Fireless brooders are a success either indoors or outdoors,—winter or summer, in any situation warmer than 20 above zero. They are storm-proof and vermin-proof, and with the same perforated-tube system of ventilation as used in our Incubators.

Lee Fireless Brooder is built along correct lines. It has a heavily padded adjustable hover; large air-space in top as protection from sun or wintry blasts; double doors; properly arranged ventilation; metal-covered top and rain-shield. In fact, it has been built to produce the same results as the heated brooder, but utilizing the natural animal heat of a bunch of chicks instead of dissipating the animal heat and adding artificial heat as in other brooders.

A good brooder is necessary if you remain permanently in the poultry business. If not satisfied with your present equipment, don't waste time and patience with further "trials" and experiments—buy the Mandy Lee "Fireless."

Two sizes—100 chick; 200 chick. We guarantee satisfaction, immediate shipment, and safe delivery.



Mandy Lee Hygrometer

registers the percentage of moisture in an incubator as accurately as a thermometer registers the heat. The greatest invention in incubator work in 25 years.

For use in any Incubator.

Don't Guess at Moisture

"Dead in the shell," "stuck to the shell," etc., are the direct result of Guessing at moisture, and it don't pay. Too much moisture is just as injurious as too little.

What is needed at hatching time is a strong chick and a weak shell, possible only when proper conditions of heat and moisture have been maintained at the eggs during each of the 21 days of incubation.

If your hatches are not what they should be our Hygrometer will improve them for you. Stop guessing. Reduce your incubator work to a scientific certainty. Like conditions invariably produce similar results. Proper hatching conditions at the eggs mean success—not occasionally, but every time.

The Mandy Lee Hygrometer is adapted for use in any Incubator, occupies the space required for only one egg, and will be sent anywhere, all charges prepaid, on receipt of price. PRICE, \$2.50.

ORDER NOW and ask for booklet "Incubator and Hygrometry" and Incubator Catalog.

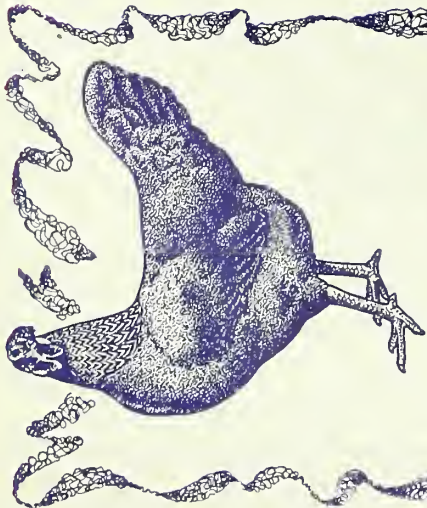
GENERAL AGENTS

BOSTON, MASS.—Fiske Seed Co.
TAMPA, FLA.—Crenshaw Bros. Seed Co.
SALT LAKE CITY, UTAH.—Porter-Walton Co.

DALLAS, TEX.—Robinson Plant and Seed Co.
LOS ANGELES, CAL.—Henry Albers Co.
PORTLAND, ORE.—Portland Seed Co.

MANUFACTURED ONLY BY

GEO. H. LEE CO.,
1136 Harney St., Omaha, Neb.



ZENOLEUM MAKES CHICKS

Experiments by Prof. W. R. Graham at the Ontario Agricultural College have proven without a doubt that when Zenoleum is used to moisten the inside of an incubator, the hatch is greatly increased. You need to use some

ZENOLEUM

Get some today. Use it in your incubator the next time you are hatching. It will save the eggs and make more chicks—just exactly what you want to do.

45 AGRICULTURAL COLLEGES RECOMMEND ZENOLEUM

and thousands of poultrymen everywhere are using it daily—have been for years. Any dealer can supply you—or we will. Our free book "Zenoleum Chicken Chat" will tell you more. Write for it. **IT MAY SAVE YOU MANY DOLLARS.**



SATISFACTION OR YOUR MONEY BACK

ZENOLEUM

AN IDEAL POWDER LICE KILLER
ESPECIALLY PREPARED FOR USE ON POULTRY, BUT EFFECTIVE ON ALL LIVE STOCK.
KILLS LICE, FLEAS, MITES, ALL INSECT LIFE. FULL POUND PACKED IN HANDSOME SIFTER-TOP BOX.
THE BEST LICE POWDER IN ALL THE WORLD. USED EVERYWHERE. TRY IT ON OUR GUARANTEE.
SEND FOR OUR FAMOUS BOOK "CHICKEN CHAT." IT IS FREE.

LICE KILLER

FOR SALE BY DEALERS EVERYWHERE.
THE ZENNER DISINFECTANT CO., DETROIT, MICH.

PRICE 25 CENTS
AT ALL DEALERS
PREPAID 35 CENTS

ICE KILLER

FREE BOOK ON POULTRY TROUBLES

"ZENOLEUM CHICKEN CHAT"

Very valuable to all poultrymen. Can be secured without charge by writing a card to

ZENNER DISINFECTANT CO., 62 Lafayette Avenue, Detroit, Mich.

ANIMAL DIP-DISINFECTANT-LICE KILLER-WORM POWDER

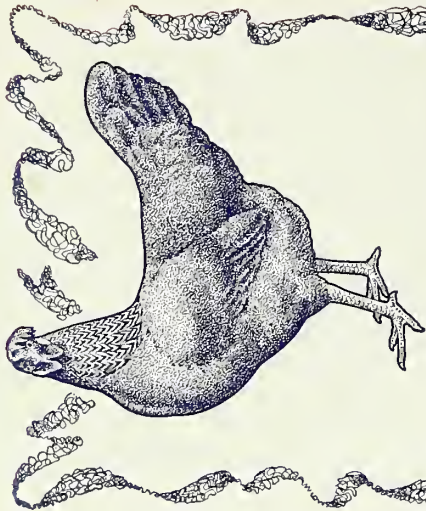
USED AT 44 AGRICULTURAL COLLEGES
IS FOR SALE AT ALL DEALERS EVERYWHERE

ZENOLEUM

SEND FOR FREE 64 PAGE VETERINARY BOOK

IF ZENOLEUM IS NOT SATISFACTORY, EITHER WE OR YOUR DEALER WILL REFUND YOUR MONEY
THE ZENNER DISINFECTANT CO., MAKERS, 62 LAFAYETTE AVENUE, DETROIT, MICHIGAN

ZENOLEUM is sold in Knoxville, Tenn., by HARBISON DRUG CO., W. D. KUHLMAN, Druggists, and D. R. MAYO, Dealer in Poultry Supplies.



Filth Brings Poultry Diseases

Avoid sickness among fowls by making housings and surroundings sanitary. A little Zenoleum in the whitewash pail will work wonders. The surest cure for scaly legs and like troubles is the ever reliable

ZENOLEUM

A single quart will rid 100 hens of all lice, mites, fleas, etc. Spraying roosts and houses once in 30 days will keep them clean and insure perfect health.

"The Great Coal Tar Carbolic Disinfectant Dip."

Particular poultry keepers do not try to get along without Zenoleum. At all dealers, Prices are

Tin making 6 gallons ... \$.25
Tin making 25 gallons50
Tin making 50 gallons90
Tin making 100 gallons ... 1.50

Special prices on larger quantities. For Live Stock uses see 64 page "Zenoleum Veterinary Adviser." Ask for free copy. A postal will do.

